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OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A REPORT OF THE SECRETARY OF AGRICULTURE RELATING
TO THE BUREAU OF ANIMAL INDUSTRY FOR THE YEAR
ENDED JUNE 30, 1901.

JANUARY 13, 1902.—Read; referred to the Committee on Agriculture and Forestry and ordered to be printed.

To the Senate and House of Representatives:

I transmit herewith a report, by the Secretary of Agriculture, of the operations of the Bureau of Animal Industry of that Department for the fiscal year ended June 30, 1901, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

THEODORE ROOSEVELT.

WHITE HOUSE, *January 13, 1902.*

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 8, 1902.

The PRESIDENT: I have the honor to submit herewith, for transmittal to Congress, a report of the operations of the Bureau of Animal Industry of this Department for the fiscal year ended June 30, 1901, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Respectfully submitted.

JAMES WILSON, *Secretary.*

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1901.

WORK OF THE INSPECTION DIVISION.

MEAT INSPECTION.

The number of abattoirs and packing houses where cattle, sheep, calves, and hogs and their products were inspected during the year was 156. The number noted in the preceding report was 148. The number of localities where the work was conducted increased from 45 to 51. Horses were inspected at one other abattoir.

The following table shows the increase year after year in the number of abattoirs where inspection has been maintained and the number of cities where the work is done:

Number of abattoirs and cities where inspection was maintained, 1892-1901.

Fiscal year.	Number of abat- toirs.	Number of cities.	Fiscal year.	Number of abat- toirs.	Number of cities.
1892.....	28	12	1897.....	128	33
1893.....	37	16	1898.....	135	35
1894.....	46	17	1899.....	138	41
1895.....	55	19	1900.....	148	45
1896.....	102	26	1901.....	156	51

The following table shows the numbers and kinds of animals inspected before slaughter and the number of these that were rejected for some cause apparently unfitting them for food purposes, the final condemnation or passing of the carcass depending upon the result of the post-mortem inspection:

Ante-mortem inspections for the fiscal year 1901.

Kind of animal.	For official abattoirs in cities where inspections were made.	For abat- toirs in oth- er cities and miscellane- ous buyers.	Total in- spections.	Rejected (subject to result of post-mortem inspection).	
				At abat- toirs.	In stock yards.
Cattle.....	5,375,315	4,904,883	10,280,198	318	14,727
Sheep.....	6,662,032	4,571,827	11,233,859	890	7,682
Calves.....	400,241	266,235	666,476	1,635	2,173
Hogs.....	24,486,130	9,700,656	34,186,786	5,812	71,286
Horses.....	1,991	-----	1,991	3	-----
Total.....	36,925,709	19,443,601	56,369,310	8,658	95,868

There was an increase in the number of all classes of animals inspected over last year, with the exception of a decided decrease in

the number of horses, there being but a third as many of these as during the previous year. The total number of ante-mortem inspections this year exceeds the total number of last year by 3,281,316. There was an increase of 2,700 rejections at abattoirs and a decrease of 57,693 rejections at stock yards.

The following table, showing the total number of animals inspected at time of slaughter for abattoirs having inspection, for the fiscal years 1891 to 1901, is given for the purpose of comparison:

Number of animals inspected at slaughter for abattoirs having inspection, fiscal years 1891 to 1900.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891	83,889					83,889
1892	3,167,009	59,089	583,361			3,809,459
1893	3,922,079	92,947	870,512			4,885,538
1894	3,861,594	96,331	1,020,764	7,648,146		12,626,835
1895	3,704,042	116,093	1,428,601	13,616,539		18,865,275
1896	3,985,484	256,905	4,629,796	14,250,191		23,122,376
1897	4,242,216	273,124	5,209,161	16,808,771		26,533,272
1898	4,418,738	244,330	5,496,904	20,893,199		31,053,171
1899	4,382,020	246,184	5,603,096	23,836,943	3,332	34,071,575
1900	4,841,166	315,693	6,119,886	23,336,884	5,559	34,619,188
1901	5,219,149	413,830	6,639,212	24,642,753	1,992	36,916,936

The inspection of animals at time of slaughter, with the number of carcasses and parts of carcasses condemned and tanked, is shown in the next table. The number of condemnations for trichinosis is given under the head of "Microscopic inspection of pork."

Post-mortem inspections for the fiscal year 1901.

Kind of animal.	Number of inspections.			Carcasses condemned.			Parts of carcasses condemned at abattoirs.
	For official abattoirs.	On animals rejected in stock yards.	Total.	For official abattoirs.	Animals rejected in stock yards.	Total.	
Cattle	5,219,149	25,005	5,244,154	8,505	3,777	12,282	8,701
Sheep	6,639,212	7,349	6,646,561	2,936	1,513	4,449	91
Calves	413,830	750	414,580	385	150	535	24
Hogs	24,642,753	77,729	24,720,482	47,240	7,394	54,634	10,973
Horses	1,992		1,992	103		103	
Total	39,916,936	110,833	37,027,769	59,169	12,834	72,003	19,789

In addition to the carcasses condemned as above and to those condemned for trichinosis, the table below shows the number tanked for other reasons—bodies of dead animals taken from cars or pens at abattoirs or animals that, after inspection in the stock yards, had died from disease or injury or were killed by municipal inspectors.

Manner of death.	Cattle.	Sheep.	Calves.	Hogs.	Horses.	Total.
Died in stock yards	316	1,147	118	2,215		3,796
Killed in stock yards	497	600	158	9,203		10,458
Died at abattoirs	239	1,061	257	15,388	27	16,972
Total	1,052	2,808	533	26,806	27	31,226

Below is a statement of the total number of carcasses and parts condemned and tanked, with the causes of condemnation at the time of

slaughter, and including the carcasses of animals found dead and those killed by city inspectors:

Causes of condemnation of carcasses and parts of carcasses for fiscal year 1901.

Cause of condemnation.	Cattle.		Sheep.		Calves.		Hogs.		Horses.
	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.
Actinomycosis	1,355	629	2		5		26	3	
Tuberculosis	6,454	256	134		8		8,650	44	
Cholera and swine plague							37,862		
Texas fever	17				12				
Echinococcus	1	1	1					620	
Measles				10			24		
Scabies			26				87		
Eczema							6		
Erysipelas							23		
Cancer	63		2				18		
Tumor	21	8	5				480	668	
Abscess	98	6,485	110	11	6	4	597	1,570	6
Pneumonia	213		177		15		978		3
Pleurisy	13		23	8	1		88	13	1
Bronchitis									
Carditis							2		
Enteritis	36		62		14		286		3
Peritonitis	177		52		16		373		1
Metritis	9		6				117		3
Nephritis	7		63		2		44		
Uræmia	1		27				30		
Mammitis	1		4				15	400	
Septicæmia	268		212		6		684		17
Pyæmia	200		183		12		1,899		4
Gangrene	12		6				33		1
Anæmia, emaciation, marasmus.	2,173		1,835		47		299		11
Ascites	19		51		1		27		
Jaundice	26		258		4		774		
Extreme temperature, various causes.	2		41		4		595		
Pregnancy	76		25				269		40
Recent parturition	15		15				63		
Hernia	2		4				31		
Downers, bruised, injured, etc.	1,020	1,322	759	62	52	20	254	7,655	4
Asphyxiation	3								
Sick			31						
Caseous lymphadenitis.			333						
Impaction of rumen			1						
Distoma			1						
Melanosis					1				2
Polyarthrititis					1				
Too young					327				
Lymphangitis									1
Pharyngitis									1
Nasal discharge									2
Fistula									1
Distemper									2
Dead from various causes.	555		2,208		375		17,603		27
Killed by city inspectors.	497		600		158		9,203		
Total	13,334	8,701	7,257	91	1,068	24	81,440	10,973	130

The meat inspection tag or brand was placed upon 18,977,943 quarters, 332,399 pieces, and 2,844 sacks of beef; 6,626,729 carcasses of sheep; 412,721 carcasses of calves; and 1,101,961 carcasses of hogs, and 752,805 sacks of pork.

The stamp signifying that the contents had received the ordinary inspection was affixed to 21,496,109 packages—6,394,065 of beef, 41,993 of mutton, 112 of veal, 15,059,118 of pork, and 821 of horse-flesh.

There were sealed (with numbered seals, of which a record is kept) 68,495 cars containing inspected meat products for shipment to official abattoirs and other places.

The number of certificates of ordinary inspection issued for meat

products for export, exclusive of horseflesh, was 36,998. Of beef there were 1,749,817 quarters, 330 bags, 36,554 pieces, and 1,437,553 packages, with a weight of 452,830,373 pounds; of mutton there were 452 carcasses and 18,990 packages, weighing 894,648 pounds; of pork there were 53,203 carcasses and 717,749 packages, the weight being 231,144,938 pounds. These figures show an increase in the exports of beef and mutton, but a falling off in pork, the total being (in round numbers) 26,000,000 pounds less than in 1900, the gain of 15,000,000 in beef being offset by a loss of 40,000,000 in pork. In 1900 there was an increase over 1899 of 77,000,000 pounds in beef and a decrease of 6,000,000 pounds in pork.

There were 9 certificates given for horseflesh, covering 880 packages, having a weight of 249,900 pounds.

The following table shows the quantities of beef, mutton, and pork for export which received the certificates of inspection:

Quantities of beef, mutton, and pork for export upon which certificates of inspection were issued, 1898-1901.

Fiscal year.	Beef.	Mutton.	Pork.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1898.....	339,650,061	324,996	244,956,482
1899.....	360,843,856	525,705	278,696,435
1900.....	438,138,233	680,897	272,050,663
1901.....	452,830,373	894,648	231,144,938

The expense incurred on account of the work outlined above was \$566,809, an increase over last year of \$61,528.48. The cost of each of the 56,369,310 antemortem inspections averaged 1.01 cents.

The following statement shows the cost of each ante-mortem inspection from 1893 to 1900, inclusive:

	Cents.		Cents
1893.....	4.75	1898.....	0.80
1894.....	1.75	1899.....	.88
1895.....	1.10	1900.....	.95
1896.....	.95	1901.....	1.01
1897.....	.91		

MICROSCOPIC INSPECTION OF PORK.

The number of carcasses of pork examined was 733,196, classified as follows: Class A (free of all appearance of trichinæ), 715,529, or 97.59 per cent; Class B (containing trichina-like bodies or disintegrating trichinæ), 8,668, or 1.18 per cent; Class C (containing living trichinæ), 8,999, or 1.23 per cent. There is little change in the percentages; Class A slightly increased, with a corresponding diminution in Class C.

There were 9,001 trichinous carcasses disposed of during the year. The weight of these was 2,003,858 pounds. Over half of this quantity was made into cooked meat; the remainder was tanked.

The decrease in the exports of microscopically examined pork continued, so that the quantity inspected for export amounted to less than two-thirds of that of the year before. The number of certificates issued was 6,188. The number of packages was 127,017, with a weight of 35,942,404 pounds. For comparison the quantities inspected for

export to countries requiring microscopic certificates for 1892 to 1901, inclusive, are given:

	Pounds.		Pounds.
1892	22, 025, 698	1897	42, 570, 572
1893	8, 059, 758	1898	120, 110, 356
1894	18, 845, 119	1899	108, 858, 149
1895	39, 355, 230	1900	55, 809, 626
1896	21, 497, 321	1901	35, 942, 404

The expenditures on account of this work amounted to \$114,102.76. This gives an average for each examination of 14 cents for each pound exported of 0.317 cent.

INSPECTION OF VESSELS AND EXPORT ANIMALS.

The number of certificates of inspection issued for American cattle exported to Europe was 1,563; the number of clearances of vessels carrying inspected live stock was 988. There was a notable increase in the number of cattle and sheep exported, the former being greater than in any year since 1898 and the latter the largest since 1896. There was a decline in the exportation of horses. All of the animals in the following table were exported to Great Britain, with the exception of 80 cattle, 590 sheep, and 858 horses to Belgium, and 914 horses to Germany:

Number of inspections, etc., of American and Canadian animals, fiscal year 1901.

Kind of animal.	American.				Canadian.		
	Number of inspections.	Number rejected.	Number tagged.	Number exported.	Number inspected.	Number rejected.	Number exported.
Cattle	804, 578	1, 682	400, 385	^a 384, 722	33, 385	13	33, 372
Sheep	398, 845	606	-----	^b 227, 934	49, 209	67	49, 142
Horses	47, 679	263	24, 235	^c 24, 952	582	-----	582

^a9,780 via Canada.

^b13,552 via Canada.

^c267 via Canada.

Besides the above-mentioned animals exported to Europe, there were also inspected 800 cattle, 514 sheep, and 1 horse for Bermuda; and 82 cattle for Brazil.

The number of American and Canadian animals landed alive at the foreign-animal wharves in London, Liverpool, and Glasgow, and inspected by inspectors of this Department stationed at those ports, together with the number and percentage lost in transit, is shown as follows:

Number of animals inspected at time of landing in London, Liverpool, and Glasgow, and loss in transit, fiscal year 1901.

From—	Cattle.			Sheep.			Horses.		
	Landed.	Lost.		Landed.	Lost.		Landed.	Lost.	
	<i>Number.</i>	<i>Number.</i>	<i>Per ct.</i>	<i>Number.</i>	<i>Number.</i>	<i>Per ct.</i>	<i>Number.</i>	<i>Number.</i>	<i>Per ct.</i>
United States..	366, 629	868	0.24	207, 477	1, 913	0.91	22, 823	400	1.72
Canada	28, 975	110	.98	46, 850	425	.90	528	10	1.86
Total	395, 604	978	.25	254, 327	2, 338	.91	23, 351	410	1.73

INSPECTION OF IMPORTED ANIMALS.

The numbers and classes of animals imported from Mexico and inspected at ports of entry along the international boundary line are given in the following table:

Importation of Mexican animals, fiscal year 1901.

Port of entry.	Cattle.	Sheep.	Swine.	Goats.	Horses.	Asses.
Eagle Pass, Tex.	3,640	-----	-----	-----	3	6
El Paso, Tex.	49,413	-----	-----	2	94	-----
Naco, Ariz.	207	-----	-----	-----	-----	-----
Benson, Ariz.	29	-----	-----	-----	-----	-----
Nogales, Ariz.	41,682	-----	-----	143	-----	2
San Diego, Cal.	1,680	1,357	37	1,272	-----	1
Total	96,651	1,357	37	1,417	97	9

Through ports on the seacoast animals not subject to quarantine were imported as follows:

From—	New York.		Boston.		San Francisco, horses.	Total.
	Horses.	Mules.	Horses.	Shetland ponies.		
Europe	1,217	-----	23	3	-----	1,243
Cuba	16	700	-----	-----	-----	716
Brazil	-----	2	-----	-----	-----	2
Bermuda	16	-----	-----	-----	-----	16
Porto Rico	4	-----	-----	-----	-----	4
Hawaii	-----	-----	-----	-----	5	5
Manila	-----	-----	-----	-----	7	7
Mexico	3	-----	-----	-----	-----	3
China	-----	-----	-----	-----	1	1
Canada	-----	-----	23	1	3	27
Total	1,256	702	46	4	16	2,024

There were also 1 deer imported from Manila through San Francisco, and 6 sheep from Canada through Boston.

A report of the animals imported and quarantined at different stations will be found under the head "Miscellaneous division."

CONTROL OF CONTAGIOUS DISEASES.

Southern cattle inspection.—The supervision of the movement of cattle from the area quarantined on account of Southern, or Texas, or splenic fever of cattle, due to the presence of the tick (*Boophilus annulatus*, formerly called *Boophilus bovis*), which carries the infection, involved the proper yarding in the quarantine divisions of the different stock yards of 1,168,935 head of cattle during the quarantine season of 1900. To transport these cattle required 43,952 cars, each of which had to be placarded, and all of the waybills, manifests, and bills of lading accompanying the shipments had to state that the cattle were Southern cattle. The number of cars cleaned and disinfected was 45,425.

In Texas 307,658 cattle were inspected and identified by brands as originating outside of the quarantined district and were permitted to be moved north for grazing.

Scabies in sheep.—The number of sheep inspected in stock yards, at feeding stations, and at many places throughout the West, in order

to prevent the shipment of sheep affected with or that had been exposed to scabies, amounted to 7,912,724.

The number of sheep dipped under the supervision of Bureau inspectors was 1,034,368.

For shipments of sheep that were found free of infection certificates of inspection were given.

WORK OF THE MISCELLANEOUS DIVISION.

The miscellaneous division has a general supervision of the accounts and other work of the Bureau of Animal Industry, as follows: Salaries; reimbursement of expenses incurred by its officers and employees in travel and at various stations; apparatus and supplies for the various divisions, their laboratories, the experiment station, and quarantine station; all accounts of every character that are paid from the appropriation for the Bureau of Animal Industry; the preparation of an itemized report to each Congress, showing in detail the character of expenditures and the use of the appropriation; the making out of all appointments, transfers, promotions, furloughs, reinstatements, resignations, and dismissals; the making of requisitions and informal bids for all materials and supplies used throughout the work of the Bureau, and the necessary letter writing incident thereto, together with the supervision of the work of the animal quarantine stations. This latter work includes the inspection and quarantine of imported cattle, sheep, and other ruminants, and swine, and the making of permits for their importation and keeping the records pertaining to quarantines. The division also has charge of the preparation of replies to numerous letters requesting information in regard to the diseases of animals and poultry, their causes and treatment, and various other matters pertaining to breeds, breeding, and care of domesticated animals and allied subjects. This is the character of the routine work performed each year.

QUARANTINE OF IMPORTED ANIMALS.

The variety of kinds and the number of ruminants other than cattle and sheep imported during the fiscal year has been increased somewhat through the importations made more especially for exhibit at the Pan-American Exposition. These animals have all been subjected to inspection and quarantine, the length of the quarantine period being fixed in accordance with the requirements for the subdivision of the class to which the animal belonged.

The imports of animals from Canada not subject to detention at quarantine stations comprised 39,572 cattle, 199,325 sheep, 3,227 horses, 435 swine, 1 goat, 7 deer, and 3 elks—total, 242,570 animals.

The following table shows the number and kinds of animals detained in quarantine for the requisite time:

Number of animals imported and quarantined at different stations, fiscal year 1901.

Station.	Cattle.	Sheep.	Hogs.
Littleton, Mass.	11	128	7
Garfield, N. J.	359	270	66
Port Huron, Mich.	11	.....	.....
Sault Ste. Marie, Mich.	81	.....	2
Detroit, Mich.	5	.....	.....
Ogdensburg, N. Y.	3	.....	1
Hogansburg, N. Y.	6	.....	2
Messina Bridge.	4	.....	.....
Buffalo, N. Y.	7	.....	.....
Niagara Falls.	3	.....	.....
Richford, Vt.	10	.....	1

Number of animals imported and quarantined at different stations—Continued.

Station.	Cattle.	Sheep.	Hogs.
St. Albans, Vt.	2	-----	-----
Newport, Vt.	16	14	-----
Island Pond, Vt.	-----	3	-----
Beecher Falls, Vt.	33	10	-----
Houlton, Me.	55	73	2
Vanceboro, Me.	1	17	-----
Eastport and Calais, Me.	2	10	-----
Total.....	559	525	81

There were also imported through the port of New York and quarantined, under the supervision of the superintendent of the Garfield quarantine station, the following: Antelopes, 4; buffalo, 4; giraffe, 1; guanacos, 2; aoudads, 2; nylghaus, 2; camels, 16; goats, 9; alpacas, 2; chamois, 1; deer, 37; zebu, 1; llamas, 9; gazelles, 3; trick bull, 1; other wild animals, 24; total, 118. Add to this the animals reported in the table above, and we have a total of 1,283 imported animals that were quarantined.

An official veterinarian was stationed at London, England, in accordance with the requirements of Bureau of Animal Industry Order No. 79, issued by this Department under date of November 10, 1900, which provides for the testing with tuberculin by an inspector of this Department of all cattle over 6 months old which are to be imported into the United States. This official has tested in various parts of Great Britain 161 cattle for which a permit was desired for shipment to the United States. Of these, 18 were rejected and 143 passed. In Canada the veterinarians of this Department tested with tuberculin 491 cattle, of which 39 were rejected and 452 passed.

OUTBREAK OF MALADIE DU COÏT.

During the last quarter of the fiscal year the work of eradicating an imported infectious venereal disease of horses known as *maladie du coït*, or dourine, was inaugurated; but, owing to the extent of area and the semiwild condition of much of the country over which the disease had spread, as comprised in the Rosebud and Pine Ridge Indian agencies, South Dakota, and parts of Nebraska and Wyoming, little was accomplished beyond the organization of the work. A large number of range horses were rounded up, corralled, and inspected previous to July 1, among which 12 were found to be affected with the disease. These, comprising 2 stallions and 10 mares, were appraised through agreement with the owners and subsequently slaughtered.

Animals found diseased with maladie du coït and killed, and amount of indemnity paid.

Animal.	Owner.	State.	Indemnity.
Stallion	C. W. Denton	Nebraska	\$25
Mare	S. Chamberlain	do	20
Do	William Shannon	do	35
Do	do	do	35
Stallion	A. A. Lamb	South Dakota	35
Mare	P. H. Beguin	Nebraska	10
Do	A. Williams	do	20
Do	Plenty Birds	South Dakota	20
Do	C. R. Wolfenden	do	25
Do	L. B. Lessert	do	30
Do	J. H. Dixon	do	30
Do	do	do	30
Total.....	-----	-----	315

The following outline of a report, received from Dr. W. S. Devoe, the inspector in charge of the work, exhibits its character:

PINE RIDGE AGENCY, S. DAK., *June 4, 1901.*

There are five districts on this reservation—Wakpamini, White Clay, Porcupine, Wounded Knee, and Medicine Root. The animals are rounded up in each district and driven to the final round-up at Pass Creek district, 47 miles from the agency, and then animals which have estrayed from one district to the other during the year are returned, and animals straying in from sections of the country covering 100 miles in area through Nebraska and South Dakota are claimed by owners and removed by them. At the round-up there were present at least 300 men from different sections—horse buyers from Iowa and Omaha, as well as breeders from Nebraska and South Dakota.

On finding a sorrel mare which was badly diseased I asked the name of the owner, but no one would acknowledge the ownership of the animal. It was reported by men who knew the brand that she came from the sand hills southeast of Gordon, Nebr. I assumed the responsibility in case a claim was made for indemnity, killed the mare, and made a post-mortem examination to give those present an opportunity to learn more of the nature of the disease. The lesions of *maladie du coit* were very pronounced.

It was the desire of the breeders and owners of the horses present that the other diseased animals found should be killed on the spot; but not knowing who the owners were, and wishing to show the people of this section the disease in its various stages, they were removed to the agency.

Several diseased animals have been slaughtered without indemnity, as they were unclaimed.

WORK OF THE BIOCHEMIC DIVISION.

ROUTINE WORK.

The routine work of preparing and shipping branding ink, tuberculin, and mallein has been continued as heretofore. This division has shipped about 560 gallons of branding ink for use in marking inspected meats, 44,410 doses of tuberculin, and 7,188 doses of mallein. The routine work in connection with serum experiments, hog cholera, and swine plague have been continued. A large number of herds were treated in the West during the summer and fall of 1900 and the spring of 1901, and the work is being continued at the present time. In general, the results have been of an encouraging character. At the same time, in some herds other factors have arisen for consideration, which have been and are now being investigated with the hope of throwing additional light on the methods of handling these troublesome diseases.

All this work has entailed a large amount of routine work in the preparation of cultures for the inoculation of animals, in the preparation of serum, and especially in the identification of cultures obtained from herds in the West which have been under treatment. In the progress of this work a number of new varieties of bacilli belonging to the hog-cholera group have been isolated, and other important properties and variations have been carefully studied.

LABORATORY WORK IN TUBERCULOSIS.

The work in connection with tuberculosis has been continued. A number of germs from different species of animals have been secured and cultures made with the purpose in view of obtaining sufficient material for continuing the biochemical and other investigations already begun. The experiments with the serum for tuberculosis in the human being have also been continued at one of the sanitariums in New York, and the results, as reported by the physician in charge,

are of a very encouraging character. Some feeding experiments on chickens have also been conducted during the year, and the results are about ready for publication. A number of routine analyses and examinations have been made as the work demanded. A large number of investigations in connection with tuberculosis, in addition to those already named, have been begun, and special attention will be given to the injury to man from bovine, or rather animal, tuberculosis.

There has been some investigation in connection with milk, and arrangements have been made for a careful study of the bacteriologic and biochemic factors in the production of flavor in butter and cheese. This work will be continued as soon as possible.

Investigations along the lines indicated above will necessarily be continued during the coming year, and other subjects will be taken up as the facilities of the division will permit.

WORK OF THE PATHOLOGICAL DIVISION.

The work of the Pathological Division has been continued along the same lines as during the previous year, with the exception that increased facilities have made it possible to devote more time to the investigation of pathological anatomy. The number of specimens received from the members of the inspection division of this Bureau, as well as from outside parties, have increased by more than 200 per cent over that of any previous year.

BLACKLEG.

The preparation and distribution of blackleg vaccine have, with the increased experience of the assistants detailed to this work, become more of a matter of routine, without sacrificing any of the care and attention which this line of the work demands.

During the fiscal year there were prepared 1,582,625 doses of blackleg vaccine, and of this amount approximately 42,000 doses were discarded as not meeting the requirements for vaccine that is both safe and effective. There were distributed 1,517,560 doses among 12,013 cattle owners. This is an increase of more than 50 per cent over the previous year, when the total number of doses sent out was 1,076,150. The work in this connection has necessitated the preparation and sending of 30,490 pieces of mail, as well as the filing and tabulation of approximately the same number of letters and reports; also the writing and filing of about 20,000 cards for the personal and geographic card catalogue.

From reports received it is safe to conclude that the loss from blackleg in all herds where this vaccine has been used will fall below 1 per cent, although it is the general impression that the past year has been what is known as a "bad blackleg year" throughout the entire country. It is gathered from information received from all States and Territories that without vaccination the loss from blackleg would have been greatly in excess of that which is generally experienced. The expenses in connection with the preparation and distribution of this vaccine have not exceeded those of the previous year, when only 1,076,150 doses were distributed.

RABIES.

From numerous reports received from various parts of this country it appears that rabies is greatly on the increase among dogs and other

domesticated animals. While there has been a decrease in the number of cases of rabies actually proved to have occurred in the District of Columbia, losses from this disease have been general among the horses, cattle, sheep, and swine in Virginia and some of the Western States, notably Colorado and Missouri, as a result of bites from rabid dogs and wolves.

An outbreak of rabies among the dogs at Rochester, N. Y., in which at least one authentic case of rabies in man occurred, necessitated stringent measures by the city health authorities in order to suppress the outbreak. Inoculation experiments at this laboratory proved conclusively that the person mentioned had died of rabies, and also that one of the dogs, the head of which was forwarded from Rochester, was suffering with this disease at the time of its death.

In the stock yards of St. Joseph, Mo., the disease appeared among a shipment of cows which were known to have been bitten some time previously by a rabid dog, and which were held at the stock yards for observation. Four of these animals died with symptoms of furious rabies, and the diagnosis was confirmed by inoculation experiments made in this laboratory. Further investigations proved that a number of other domesticated animals had died with characteristic symptoms of rabies in the neighborhood from which the cows were shipped.

From the District of Columbia there were received 60 dogs, which had been killed as being suspected of rabies. Of these, 15 were proved to have been affected with the disease at the time of their death. It is known that 5 of these dogs had bitten one or more people. These people were notified of the results of the inoculation experiments, in order that they might take the necessary precautions to prevent the development of the disease. Three of these dogs were also known to have bitten cattle, horses, or other dogs.

The health authorities of the District of Columbia also forwarded the dead bodies of 2 cats, one of which proved to have been affected with rabies.

TUBERCULOSIS.

Experiments for the eradication of tuberculosis from the dairy herd at the insane asylum at St. Elizabeth, District of Columbia, have been continued, and all the reacting animals have by this time been destroyed and replaced with tuberculin-tested cows. The new herd, now consisting of 115 milch cows, will shortly be submitted to a final test, in order to ascertain whether any of the purchased animals have developed tuberculosis since they were admitted to the barns of the asylum.

Inoculation on guinea pigs with milk from the reacting cows, in order to test its infectiveness, have developed results of such a nature that it has been considered advisable to repeat them on a smaller scale before the results are published. It may, however, be mentioned that the results are strongly indicative of the frequent occurrence of tubercle bacilli in the milk of cows which have reacted to the tuberculin test, but which do not show clinical symptoms of the disease.

EXAMINATION AND DIAGNOSES OF PATHOLOGICAL SPECIMENS.

In the course of meat inspection, as carried out by the Bureau of Animal Industry, it frequently occurs that inspectors encounter pathological conditions which even the most trained eye fails to recognize. In a majority of cases the inspectors have neither facilities nor

time for histological or bacteriological investigations, and it has, therefore, become customary to forward rare or interesting pathological specimens to this division for diagnosis or for confirmation of diagnoses made by the collectors. During the past fiscal year no less than 344 such pathological specimens were received at this division, and the great majority of these were collected and forwarded by members of the inspection division. In all cases where possible the specimens were treated and preserved according to Kaiserling's method, and the anatomical preparations were added to the pathological collection of this division. At the same time the various tissues were hardened, sectioned, stained, and mounted and the collector notified of the diagnosis made upon microscopical examination. In this manner more than 2,000 permanent preparations have been made and preserved for future reference.

A great number of pen-and-ink as well as water-color sketches have also been made of the anatomical as well as the histological appearances of the specimens for the purpose of publication of a series of notes upon comparative pathology with special reference to meat inspection. A great deal of this material is now on hand and will be published with as little delay as possible.

DISEASES OF POULTRY.

Of all the various classes of domesticated animals there is probably none which suffer to the same extent from infectious and contagious diseases as do the domesticated fowls. A number of diseased or dead fowls were received during the past year for diagnosis and advice as to treatment and prevention. An outbreak of an acute and very fatal disease among a large flock of thoroughbred Plymouth Rocks in northern Virginia is of special interest. As the disease differed from all those hitherto described, a thorough investigation was made, both at the premises where the outbreak occurred and in this laboratory, and a bulletin containing the preliminary notes on an outbreak of apoplectiform septicæmia in chickens, caused by a highly virulent nonpyogenic streptococcus, has been prepared and is now ready for publication.

All the other specimens forwarded were recognized as originating from outbreaks of diseases the nature and cause of which are more or less well established, and the owners were furnished with information as to the proper means of treatment and prevention.

Under this heading may also be mentioned an epidemic eye disease which prevailed among the crows in the District of Columbia and surrounding country during the past winter. In certain localities great numbers of crows were found dead or dying, all of them exhibiting symptoms of suppurative keratitis and conjunctivitis. An investigation led to the discovery of a small micro-organism as the probable cause of this disease, but on account of failure to obtain healthy crows for experimental purposes the investigation was not brought to a satisfactory conclusion.

SKIN DISEASE IN HORSES.

During February last attention was called to a skin disease prevailing among the horses on the Umatilla Indian Reservation at Pendleton, Oreg., and specimens of hide of the affected animals were forwarded to this division for diagnosis. As several thousand horses were said

to be affected with this disease, it was of importance that a diagnosis be made and means suggested for its eradication. The probable causative agent was found to be *Sarcoptes* complicated by the presence of a vegetable fungus which has never hitherto been known to possess pathogenic properties. A bulletin has been prepared on the subject and will be published at the conclusion of a series of experiments which are now being undertaken with a view to finding a remedy for the disease.

LOCUST FUNGUS.

During the past year the Division of Entomology has undertaken a series of experiments for the eradication of locusts by means of fungus cultures, with which the swarms of locusts are inoculated. This division has cooperated in this work by preparing more than 200 tubes of these cultures for the division mentioned.

GLANDERS.

It has devolved upon this division to confirm, by means of inoculation experiments, the diagnosis of glanders among the horses and mules of the War Department which are stationed at St. Asaph, Va., after they have been submitted to the mallein test. In all cases where decided reaction has occurred the diagnosis has been confirmed, and the same has been the case with a number of mules which showed a doubtful reaction. Material from an outbreak of glanders near Ames, Iowa, was also referred to this division and the diagnosis confirmed.

ANTHRAX.

This disease has been exceedingly prevalent in all the so-called "anthrax districts" in the United States during the past year, and numerous requests for vaccine have been received. It would therefore seem advisable that the question of preparing and distributing an effective but safe anthrax vaccine be taken under consideration. Owing to the nature of this preparation it does not seem possible for commercial companies to import it in quantities and to distribute it all while still fresh; on the other hand, the importation of a limited quantity of vaccine will leave the vaccine companies without material on hand when it is most urgently needed. The thought suggests itself that experiments should be undertaken with a view to accomplishing some relief to the stock owners who are now annually meeting with losses as a result of this disease.

FIELD INVESTIGATIONS.

Salt-sick among the cattle in Florida.—During April last an attempt was made to investigate a disease known as salt-sick, or salt-sickness, which is reported to prevail to a considerable extent among the cattle of central and eastern Florida. The time selected was, however, inopportune, and no typical specimens of the disease were obtained for examination. From the information gathered it seems probable that the disease is chronic Texas fever aggravated by malnutrition and tick-worry. If, however, another opportunity presents itself the investigation will be continued this coming winter.

Spinal meningitis.—A number of outbreaks of this disease have been reported from eastern Maryland and Virginia, and in three cases

an inspector from this division was sent to the infected districts in response to urgent requests. In no case has it been possible, however, to obtain typical cases for investigation, as the animals affected had either died or recovered by the time the inspector arrived.

WORK OF THE EXPERIMENT STATION OF THE BUREAU.

HOG CHOLERA AND SWINE-PLAGUE SERUM.

The investigations concerning swine diseases, which have been conducted at the experiment station for several years, were continued throughout the year. Fully as much attention was given to the preparation of an antitoxic blood serum for the treatment and prevention of hog cholera and swine plague as in former years, and some progress was made in reducing the price for which the serum can be manufactured.

EXPERIMENTS IN IMMUNIZING AGAINST HOG CHOLERA AND SWINE PLAGUE.

In addition to the serum work, extensive experiments were made to find a method for immunizing against hog cholera and swine plague without the use of an antitoxine animal. This work has not yet given satisfactory results, but further experiments with this end in view have been planned. One of the great obstacles encountered in these investigations is the uncertainty with which a proper exposure can be obtained for treated hogs and accompanying control animals. Subcutaneous injections of apparently virulent pure cultures of hog cholera and swine-plague germs rarely produce anything more than a local inflammatory condition. Attempts to produce disease by feeding the viscera of hogs which have died of hog cholera or swine plague have failed in all but one instance in our recent work at the station, and in the case of the exception the disease was of a very mild, chronic character. It is quite possible to kill hogs by injecting cultures directly into their circulation; but by this method death is caused rather by a toxæmic overpowering of the entire organism than by an affection at all resembling hog cholera or swine plague, and hence it is questionable whether it can be used advisedly as a test for any system of immunization.

TETANUS.

No cases of tetanus occurred at the station during the year. The antitetanic serum which is prepared at the station is regularly and successfully used to immunize all the animals which, owing to their condition and the work in which they are engaged, are liable to become affected with tetanus. The two horses which supply the serum have gradually been worked up to a state where the one can bear 1,200 cubic centimeters and the other 1,550 cubic centimeters of tetanus toxine at a single injection. This toxine is so virulent that a fraction of a drop on subcutaneous injection kills a guinea pig within twenty-four hours. The antitetanic serum will be tested for its curative value as soon as an opportunity presents itself.

A peculiar effect of the tetanic serum, when used in immunizing doses, has been observed on some cattle. These cattle, within an hour after receiving an injection of from 10 to 15 cubic centimeters of the serum, begin to show edematous enlargements about the eyes,

lips, nose, vulva, and rectum. The parts at times swell enormously. The intensely stretched skin over the vulva and rectum assumes a glistening appearance and looks as if the extreme tension would cause a rupture. At times the skin of the neck and abdomen is also affected and is covered with elevations resembling the appearance present in urticaria, or nettle rash. The symptoms disappear after ten or twelve hours, and the recovery of the animal is complete. An effort has been made to determine whether the swelling is due to the antitoxine of tetanus or to something normally present in the blood serum of the horses. The question has not been finally settled and will receive more attention in the future.

TEXAS FEVER AND TICKS.

Several minor investigations concerning Texas fever were undertaken and are still in progress. Along with other work of this kind, a number of ticks were secured through the Division of Zoology from different countries which are plagued with ticks and a disease similar to or identical with Texas fever. These ticks, from Egypt, Cape Colony, Brazil, Australia, and the West Indies, are now being cultivated to obtain good specimens for study and comparison with the North American tick, which acts as the transmitting agent of the infectious material of Texas fever.

Little or no progress has been made in the search for a reliable dip to destroy ticks on cattle. A number of new dips have been tested and found unsatisfactory. Reports from several sources indicate that the ticks can be affected by substances given internally to the cattle on which they are parasitic, but tests of such substances have given no encouraging results at this station. This entire question will receive further attention in the future.

Toward the end of last summer the cattle ticks in the tick fields had become so numerous that it was necessary to spray the fences and adjoining grounds every few days, and even with this precaution the cattle in the fields near the tick fields could not be kept altogether clean. In some instances the young ticks crawled from 20 to 30 feet along the ground and up the sides of fences and buildings, where they collected in clumps of several thousand each. Ticks from these clumps in elevated positions could easily be blown considerable distances by moderately strong winds. The solution used for spraying consisted of tar, carbonate of soda, arsenic, and water. It was very effective in destroying the young ticks which had not become attached to a host, but it killed less than 75 per cent of the ticks of all sizes on the cattle which were dipped in it.

An interesting occurrence in connection with the tick experiments was the accidental presence of the parasites, on two kittens which were confined in a small house in the tick field. The house also contained a number of guinea pigs which remained perfectly clean. The ticks developed very slowly on the kittens and the latter unfortunately died before any of the ticks matured. The extreme irritation of the skin and the loss of blood were largely responsible for the death of the kittens.

EXPERIMENTS WITH RABIES.

A number of animals reported to have been bitten by rabid dogs were received at the station and were kept in confinement and under observation.

Several experiments regarding rabies were made in conjunction with the Pathological Division. One horse which was bitten and some sheep which were inoculated with material from rabid animals succumbed to the affection after showing characteristic symptoms.

OTHER WORK.

Some work was done in connection with the antitoxin experiment to determine the loss in the number of red blood corpuscles, as the result of frequent blood drawings, and the rapidity with which the animal's system is able to correct the loss by the formation of new corpuscles. Time was also given to a study of the character of the newly formed corpuscles, and to the possible modifications in the number and character of the white corpuscles of animals which receive periodic injections of septic material. Investigations along this line will be continued as time will permit.

Animals and facilities were provided the Division of Zoology for the further investigation of the sheep-scab question, and to test various drugs for the removal of parasites from the stomachs and intestines of sheep and hogs.

The Pathological Division was provided with animals and facilities for the investigation of the following diseases: Braxy and pseudo-tuberculosis in sheep, vulvitis of cattle, and an infectious disease among the cattle of a local asylum. A number of specimens of black-leg vaccine were also tested for the same division on sheep and guinea pigs.

Cattle and hogs were provided for the Biochemic Division for special experiments concerning hog diseases, and these animals were treated with material prepared by the division in accordance with instructions accompanying such material.

As in former years, a large number of small animals for experimental purposes were raised at the station and used or forwarded to the laboratories as occasion required.

Several new buildings were constructed, much necessary fencing and refencing was done, and the water system improved and extended. A fairly successful attempt was made to raise a supply of green feed for small experiment and breeding animals. Work of this kind makes excellent returns for the time and thought given to it, and it is to be regretted that the area of ground which is available for cultivation is limited to less than one acre.

The need for additional land is constantly and urgently felt. On a total of 20 acres, much of which is occupied by buildings, roadways, outdoor experiment cages, and quarantine pens, the following animals, employed in widely different experiments, together with the facilities for handling them and keeping the various infections under proper control, are collected:

(1) A herd of 72 antitoxin animals, consisting of horses, mules, cattle, and donkeys, for supplying hog cholera, swine plague, tetanus, and two kinds of tubercular serum.

(2) Several animals, a horse, cattle, and donkeys, for supplying normal serum for a variety of purposes.

(3) A herd of a dozen or more cattle, either affected with tuberculosis or being employed in experiments concerning this disease.

(4) A flock of 50 or more sheep, subjects of investigations concerning sheep scab, foot rot, blackleg, pseudotuberculosis, true tuberculosis, and various internal animal parasites.

- (5) Half a dozen cattle used in Texas-fever investigations.
- (6) Cattle on which at least half a dozen different varieties of ticks are being grown, all of which must be kept well separated and under conditions which will prevent the ticks from getting on any animals except those which are intentionally infected.
- (7) A small herd of cattle used in tick-dipping experiments.
- (8) About a hundred hogs, in special hog cholera and swine plague experiments, in which at least a dozen different bacteria, supposedly pathogenic, are being handled.
- (9) Dogs in quarantine and under observation for rabies.
- (10) Horses affected with *maladie du coit*.
- (11) Goats in special milk work.
- (12) Donkeys, hogs, calves, and monkeys, and several kinds of smaller animals in special tuberculosis investigations.
- (13) A collection of brood sows, for producing young pigs for special swine-disease investigations.
- (14) A number of normal work horses.

Our fields are so small for the animals confined in them that they remain bare of vegetation the entire year and present the appearance of a desert.

WORK OF THE DAIRY DIVISION.

A general survey of the condition of the dairy industry of the country at large was begun upon the organization of the Dairy Division. This has been continued, and special inquiries have been made, such as the status of dairy organizations, dairy schools, and facilities for technical instruction, State dairy laws, the development of foreign markets for the dairy products of this country, the milk supply of cities and towns, and laws and ordinances relating thereto. Some reports have been printed and others are in course of preparation.

As heretofore, attention is given to the collection of dairy data in general, with a view to its proper arrangement and future use. So far as the clerical force of the office permits, the material collected has been indexed for ready reference. Although necessarily much in arrears, this catalogue of dairy information is of great value and in constant use.

The routine work of the office is constantly increasing. This embraces current correspondence, with many requests for specific information from all parts of the country, and the preparation of reports and other manuscripts for publication. During the year the division has prepared four distinct publications for distribution, comprising in all 188 printed pages; most of these were liberally illustrated from original photographs obtained for the division or made by its officers. One of these reports was published in the Yearbook for 1900 and two in the current Annual Report of the Bureau, all being separately reprinted.

The chief and assistant chief of the division have visited dairy centers in ten different States and attended conventions of dairy associations and similar bodies in four of these. Rather less has been done along this line than in previous years, first, because of discontinuing the plan of employing persons for this representative service who are not regularly connected with the Department, and, second, because of the time occupied in giving attention to more distant fields of interest.

The new insular possessions of the United States and thirteen for-

eign countries have been visited during the year by officers or special expert agents of the division. The investigations thus made have embraced the most interesting dairy-producing districts of Great Britain and western Europe and the markets of Japan, China, Canada, Cuba, and St. Thomas. Materials have been thus collected for special reports now in preparation and others to be made later.

Experimental exports of dairy products from the United States, similar to those of previous years, have been made to Great Britain, to France (in connection with the Paris Exposition), to Japan, China, Cuba, and Porto Rico. It has been well established that our market for cheese in England and Scotland can be largely and profitably increased by judicious management. Butter from this country can find a place in British markets at almost any time in successful competition with the best product of other countries, provided our surplus production affords a regular supply and the prices offered become a sufficient inducement to exporters. Occasionally at irregular periods, and owing to special and temporary conditions, American butter can be sold to advantage at Hamburg and at Paris. No other market has developed on the Continent of Europe favorable for butter from the United States.

In Cuba, Porto Rico, and other points in the West Indies there are opportunities for increasing the sales of dairy products from this country. A special report upon this subject will soon be submitted. In Japan and China some openings for new trade are being found, but active Australian competition must be met. It is rather too early to express definite opinions on this subject, but it now appears necessary to raise the quality of Pacific-coast products, improve methods of packing and preserving, and obtain more satisfactory ocean transportation facilities before any considerable demand can be created in the Orient for the dairy products of the Pacific States.

Incidental to the experimental exports, fine exhibits of dairy products of the United States were made at the Universal Exposition at Paris and the annual show of the British Dairy Farmers' Association at London (October, 1900). These displays were personally supervised by the chief of the Dairy Division, and the duties connected therewith required much labor of detail at the office of the division. A report upon the dairy features of the Paris Exposition has already been submitted and published.

During the fiscal year 1901-2 the work of the Dairy Division is expected to be largely a continuation of that of the year previous, as above reported.

The investigations of productive conditions, demands of consumption and markets, made in Porto Rico and other West Indian islands by Mr. Pearson, assistant chief of the division, and in the Orient by Mr. Emery, special expert agent, will be completed and reported upon. Further experimental exports are likely to be made, based upon these reports.

Incidental to these endeavors to supply butter and cheese to markets in warm climates, and requiring long voyages without refrigerated transportation, it will probably be found necessary to make a careful study of the whole subject of preparing and packing butter for distant markets and long keeping, with exposures to high temperatures. In the same connection, further investigation of the means of producing good butter, having a high melting point and comparatively resistant to high temperature in transit and in market, is necessary.

More attention is being given every year in this country to the manufacture of cheese of foreign forms and peculiarities. Information on this subject is called for, and another field of labor for the division is thus indicated.

Material improvements are in progress in the milk supply of cities and towns. The Dairy Division hopes to follow this important subject closely and to contribute to the means and methods of attaining the desired advance in the purity and quality of market milk.

In accordance with repeated recommendations from this office, approved and embodied in successive annual reports of the Bureau and the Department, the Congress at its last session amended the act of 1891 which provides for the inspection of live cattle, the carcasses and products thereof, to include all dairy products offered for export, in order "to secure their identity and make known in the markets of foreign countries to which they may be sent from the United States their purity, quality, and grade." This new law becomes operative with the beginning of the fiscal year of 1901-2, and it is assumed that considerable work of administration and supervision will devolve upon the Dairy Division in this connection.

As collateral to the work of this division, it is hoped to conduct during the year a very full analytical examination of the various dairy products of foreign countries. Samples for this purpose have already been collected and will be greatly added to from the products found by officers and agents of the division at the foreign exhibitions and markets visited.

Some cooperative labor will be expected of the division in the course of the year under the arrangements already made with the Census Bureau for criticising and verifying the statistics of dairying in the Twelfth Census of the United States.

THE ANGORA GOAT INDUSTRY.

During the last three or four years requests for information about Angora goats have been received in increasing numbers. These requests finally became so numerous that a bulletin was issued on the subject under the title of "Information concerning the Angora goat." This bulletin contains 94 pages, 17 plates, and 1 text figure, and was designed to give answers to all the questions that are asked of the Bureau. But the demand for it was great and stimulated a desire for further information, especially regarding available land and names of breeders and dealers in mohair, subjects which could not properly be discussed in the bulletin. This has operated to increase rather than diminish the correspondence.

Angora-goat raising is in fact a rediscovered industry in the United States. For a score or more of years these goats have been raised in large numbers in Texas, New Mexico, California, and Nevada, and there has always been a ready market for their mohair; but it is only quite recently that their ability to clear land of brush, briars, and weeds has become generally known throughout the country. Now that the fact is well known there has been a great demand for these goats in those sections of the country which are suffering from the encroachment of brush and briars upon the farm and pasture lands. They have found their way into every State in the Union, as well as into Canada and Alaska.

Assured as we are that the Angora will produce an annual fleece

which is worth from \$1.25 to \$1.50; that it will destroy the brush, briars, and weeds on abandoned land, permitting the grass to follow; that its flesh is as palatable and as nutritious as that of the sheep; that its skin with the fleece attached is worth from \$1.50 to \$2.50, it would seem that Angora-goat raising is certain to develop into a permanent industry.

A farmers' bulletin on the Angora goat will soon be issued, besides the bulletin mentioned above, and the Bureau will from time to time publish such additional information as may come to hand.

The following statement shows the amount of the disbursements made for the various branches of the work for the fiscal year:

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1901.

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Meat inspection.....	\$544,169.77	\$1,910.88	\$23,067.91	\$569,148.56
Microscopic inspection.....	107,794.33	439.96	5,791.52	114,045.81
Export cattle inspection.....	57,283.33	912.38	4,440.85	62,636.56
Import cattle inspection.....	12,358.07	2,120.43	89.04	14,567.54
Contagious diseases inspection.....	63,407.31	21,093.14	1,865.07	87,265.52
Contagious diseases of horses.....	2,899.81	970.26	390.00	4,170.07
Washington and miscellaneous.....	14,830.54	2,064.51	14,058.67	30,973.72
Scientific investigations.....	14,581.02	1,334.56	9,387.75	25,303.33
Dairy division.....	1,817.63	2,567.32	6,792.45	11,178.00
Experiment station, Bethesda, Md.....	10,974.31	6.00	22,209.23	33,190.14
Hog-cholera serum experiments.....	11,269.92	1,800.21	1,323.26	14,393.39
Collecting information.....	1,238.48	485.51	---	1,723.99
Experiments in animal nutrition.....	2,560.00	---	---	2,560.00
Total.....	845,054.52	36,625.96	89,416.15	971,096.63

STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.								
D. E. Salmon.....	Chief of Bureau.....	July 1, 1896	-----	-----	\$4,000	-----	-----	-----
A. D. Melvin.....	Assistant Chief of Bureau.....	Jan. 1, 1899	-----	-----	2,500	-----	-----	-----
S. R. Burch.....	Chief Clerk.....	Jan. 1, 1897	-----	-----	2,000	-----	-----	-----
A. M. Farrington.....	Chief of inspection division.....	Jan. 1, 1899	-----	-----	2,500	-----	-----	-----
E. B. Jones.....	Assistant chief inspection division.....	Aug. 16, 1895	-----	-----	1,800	-----	-----	-----
H. E. Alvord.....	Chief dairy division.....	July 1, 1895	-----	-----	2,500	-----	-----	-----
R. A. Pearson.....	Assistant chief dairy division.....	Sept. 1, 1895	-----	-----	1,800	-----	-----	-----
V. A. Nörsgaard.....	Chief pathological division.....	July 1, 1899	-----	-----	2,500	-----	-----	-----
McP. Reynolds.....	Assistant pathological division.....	do	-----	-----	1,200	-----	-----	-----
Do.....	Assistant biochemic division.....	Jan. 1, 1901	-----	-----	1,400	-----	-----	-----
Alice M. Winfield.....	Assistant pathological division.....	Feb. 15, 1900	-----	-----	1,200	-----	-----	-----

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
WASHINGTON, D. C.—continued.								
Thos. B. Reamy	Assistant pathological division.	July 1, 1893			\$840			
E. A. de Schweinitz	Chief biochemic division	July 1, 1899			2,500			
Marion Dorset	Assistant biochemic division.	Feb. 15, 1900			1,600			
Do	do	Jan. 1, 1901			1,800			
James A. Emery	do	July 1, 1900			1,400			
Do	do	Jan. 1, 1901			1,600			
Louise Taylor	do	Oct. 10, 1900			1,200			
Do	Assistant pathological division.	Jan. 1, 1901	June 15, 1901					
Irving Frickey	Assistant biochemic division.	July 1, 1898			1,200			
Do	Clerk	Oct. 10, 1900			1,400			
Geo. M. Ruffin	Assistant biochemic division.	Jan. 1, 1900			720			
Do	Clerk	Jan. 1, 1901			1,000			
B. B. Bagby	Assistant biochemic division.	do			720			
Toocie A. Geddes	Chief miscellaneous division	Jan. 1, 1899	* Nov. 1, 1900		2,000			
R. W. Hickman	do	Sept. 1, 1893			2,000			
Ch. Wardell Stiles	Zoologist.	Jan. 1, 1900			2,250			
Albert Hassall	Veterinary inspector	July 1, 1899			1,800			
John R. Mohler	do	June 1, 1900			1,800			
H. A. Christmann	do	Sept. 1, 1900			1,400			
J. Wm. Fink	do	June 16, 1901			1,400			
John S. Buckley	do	Mar. 1, 1898			1,200			
Do	do	Dec. 1, 1900			1,400			
E. C. Schroeder	Superintendent experiment station.	July 1, 1894			1,800			
W. E. Cotton	Assistant experiment station.	Sept. 1, 1895			1,000			
Do	Expert assistant.	Mar. 1, 1901			1,400			
George W. Brett	Assistant experiment station.	Mar. 16, 1901			1,000			
Geo. F. Thompson	Editorial clerk	July 1, 1899			1,800			
H. H. Gerdes	Clerk	Apr. 1, 1897			1,800			
Andrew J. Olin	do	do	June 30, 1901		1,600			
James M. Pickens	do	May 1, 1899			1,400			

Do.	do.	Oct.	10, 1900	1,600	1,600	1,600	1,600
Fannie N. Gregory	do.	July 1, 1898	do.	1,400	1,400	1,400	1,400
Evelyn Lyons	do.	do.	do.	1,400	1,400	1,400	1,400
Mary Sullivan	do.	do.	do.	1,400	1,400	1,400	1,400
I. C. I. Evans	do.	do.	do.	1,200	1,200	1,200	1,200
Do.	do.	do.	do.	1,400	1,400	1,400	1,400
Mary T. Dent	do.	do.	do.	1,200	1,200	1,200	1,200
Martha H. Mahon	do.	do.	do.	1,200	1,200	1,200	1,200
Mary G. Marshall	do.	do.	do.	1,200	1,200	1,200	1,200
Claude F. Morris	do.	do.	do.	1,200	1,200	1,200	1,200
Charles C. Carroll	do.	do.	do.	1,000	1,000	1,000	1,000
Do.	do.	do.	do.	1,200	1,200	1,200	1,200
Nellie F. Haughton	do.	do.	do.	1,000	1,000	1,000	1,000
Do.	do.	do.	do.	1,200	1,200	1,200	1,200
Mary N. Barnard	do.	do.	do.	1,000	1,000	1,000	1,000
Mary E. Fagan	do.	do.	do.	1,000	1,000	1,000	1,000
Mary C. Montgomery	do.	do.	do.	1,000	1,000	1,000	1,000
Beatrice C. Oberly	do.	do.	do.	1,000	1,000	1,000	1,000
Thomas A. Scott	do.	do.	do.	1,000	1,000	1,000	1,000
Benj. G. Wasdon	do.	do.	do.	1,000	1,000	1,000	1,000
Virginia P. Bradford	do.	do.	do.	1,000	1,000	1,000	1,000
W. R. Brandenburg	do.	do.	do.	1,000	1,000	1,000	1,000
Anna C. Crain	do.	do.	do.	1,000	1,000	1,000	1,000
Wm. Emerson	do.	do.	do.	1,000	1,000	1,000	1,000
Frank R. Fravel	do.	do.	do.	1,000	1,000	1,000	1,000
Juliet King	do.	do.	do.	1,000	1,000	1,000	1,000
Abbie B. Knapp	do.	do.	do.	1,000	1,000	1,000	1,000
Carrie Myers	do.	do.	do.	1,000	1,000	1,000	1,000
Edw. J. Newmyer	do.	do.	do.	1,000	1,000	1,000	1,000
John Roberts	do.	do.	do.	1,000	1,000	1,000	1,000
Wm. S. D. Haines	do.	do.	do.	1,000	1,000	1,000	1,000
George I. Hall	do.	do.	do.	1,000	1,000	1,000	1,000
James S. Lee	do.	do.	do.	1,000	1,000	1,000	1,000
Chas. Croghan	do.	do.	do.	1,000	1,000	1,000	1,000
Asa H. Kite	do.	do.	do.	1,000	1,000	1,000	1,000
Wm. C. Shimoneck	do.	do.	do.	1,000	1,000	1,000	1,000
Wm. P. Stedman	do.	do.	do.	1,000	1,000	1,000	1,000
Lena B. Goetz	do.	do.	do.	1,000	1,000	1,000	1,000
Geo. W. Scheerer	do.	do.	do.	1,000	1,000	1,000	1,000

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY.

WASHINGTON, D. C.							
G. E. Patrick	Assistant chemist	May 1, 1901	\$1,600	\$208.10			
L. S. Williams	Engraver	June 30, 1901	1,400	115.40			
Granville H. Parks	Architect	Mar. 1, 1901	1,400	115.40			
James M. Pickens	Clerk	May 1, 1899	1,400	384.24			
Do.	do.	Oct. 10, 1900	1,600				

* Transferred.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.—continued.									
Joseph Abel	Clerk	July 1, 1900			\$1,400		\$1,400.00		
Louise Breedin	do	July 1, 1898			1,400		1,400.00		
C. O. Goodpasture	do	Jan. 1, 1900			1,400		1,285.26		
I. C. I. Evans	do	Nov. 1, 1896			1,200		1,015.80		
Do	do	Oct. 10, 1900			1,400				
Irving Frickey	do	July 1, 1898			1,200		1,015.80		
Do	do	Oct. 10, 1900			1,400				
Cora E. Donnelly	do	May 23, 1901	June 30, 1901		1,000		107.13		
Thomas A. Scott	do	Sept. 15, 1900			1,000		165.80		
R. E. L. Thompson	Carpenter	Nov. 1, 1898			1,900		904.10		
Do	do	June 16, 1901			1,900		51.92		
Chas. S. Weidman	Blacksmith	July 1, 1900			840		840.00		
Edw. J. Maloy	Expert	June 30, 1901			840		63.20		
E. M. Hollidge	Electric wireman	July 1, 1900			720		720.00		
Paul A. Hines	Laborer	May 16, 1901			720		90.95		
Sallie R. Reeves	do	July 1, 1898	Feb. 13, 1901		720		350.27		
L. Wm. Thavis	do	May 1, 1898			600		600.00		
John H. Gaskins	do	Nov. 16, 1900			600		374.96		
Cornelius W. Towers	do	Oct. 7, 1899		\$1.50	480		438.00		
August L. Dahler	do	Oct. 1, 1900			480		214.00		
Do	do	July 1, 1900	Jan. 3, 1901		480		226.63		
E. Belle Harden	do	Jan. 4, 1901			480		480.00		
Willena Moze	do	Feb. 1, 1899			240		178.66		
Ira E. Hendley	Charwoman	Feb. 1, 1900			240		71.74		
Martha Barrett	do	Sept. 13, 1900			240		118.28		
Eliz. Fleming	do	Sept. 13, 1899	Oct. 6, 1901	a 100.00					
A. F. E. Silliman	Telegraph and telephone operator.	Sept. 19, 1899							
Lida Anderson	Laborer	Apr. 1, 1900	June 4, 1901	a 60.00			638.00		
Robt. Bilsborough	do	May 1, 1901		a 50.00			100.00		
H. Maria Patton	do	July 1, 1900		a 50.00			150.00		
Royal G. Steedman	do	June 1, 1900		a 50.00			600.00		
John L. Taylor	do	June 12, 1901		a 50.00			31.67		
Sadie S. Berlin	do	May 4, 1901		a 40.00			76.13		
Corinne E. Eaton	do	Jan. 1, 1901		a 40.00			240.00		
Alfred H. Hollidge	do	Mar. 17, 1900		b 1.50			472.89		
Do	do	Oct. 10, 1900		a 40.00					
Robt. R. Whittleton	do	Jan. 12, 1901		a 40.00			225.81		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
 SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON, D. C.—cont'd.									
Gulf, Colorado and Santa Fé Rwy.						Transportation, Melvin and Burch.		\$8.25	
W. B. Moses & Sons						Carpet, desk, chairs, etc			\$741.75
Thos. Somerville & Sons						Plumbers' supplies			986.73
John C. Parker						Stationery			654.70
Page Woven Wire Fence Co.						Wire fence and gates			811.25
The Spectator Co.						Tate arithmometer			400.00
Electro-Tint Engraving Co.						Illustrations for bulletins			990.00
D. Frank Parker						Typewriter supplies			150.45
Wyckoff, Seamans & Benedict.						Typewriter paper and re- pairing.			169.31
M. Du Perow						Electric fans and batteries			118.90
Rudolph, West & Co.						Hardware, brooms, and brushes.			389.96
James B. Lambie						Hardware, belting, and as- bestus.			103.48
R. Carter Ballantyne						Baskets, wax, pens, and tags			137.97
United States Envelope Co.						Envelopes			344.33
The Beveridge Lumber Co.						Cedar posts			560.00
Church & Stephenson.						Lumber			198.40
United Typewriter and Supply Co.						Densmore typewriters			380.00
S. P. Johnson						do			125.00
Wagner Typewriter Co.						Underwood typewriters			217.00
Adams Express Co.						Expressage			281.40
United States Express Co.						do			27.99
The Geo. W. Knox Express Co.						do			26.16
The Chesapeake and Poto- mac Telephone Co.						Telephone			227.55
Western Union Telegraph Co.						Telegrams			160.88
Postal Telegraph Cable Co.						do			36.59
T. F. McGrew						Manuscript for bulletin			200.00
George E. Howard						Drawings of fowls			150.00
John H. Ackerman						Brown gelding			200.00
United States Electric Lighting Co.						Electric current.			77.19

Keyhoe Livery and Trucking Co.	Wagon and harness	120.00
The Scovill & Adams Co., of New York.	Zelss lens	50.00
R. P. Clarke Co.	Dusters and cloth	37.50
J. Manz Engraving Co.	Engravings of goats	69.00
J. A. Craig	Manuscript for stock bulletins	66.00
Pearse E. Crowl Co.	Rubber for stamps	64.80
Eberhard Faber	Rubber bands	86.42
Gatchel & Manning	Plates of Angora goats	66.00
Library Bureau	Guides, cards, etc.	86.73
J. T. Thomson	Printed envelopes	36.00
Chas. R. Edmonston	Water cooler and glasses	30.80
Fred A. Schmidt	Architects' materials	29.38
J. P. Nawrath	Sponges and twine	29.78
Barber & Ross	Shears, brushes, and pans	31.50
Hugh Reilly	Glass and glue	24.95
Eureka Blotter Bath Co.	Copying bath and blotters	34.50
E. J. Maloy	Bicycle and lamp	23.00
Charles Becker	Linseed oil	12.00
J. S. Woodhouse	Wheel, plow, etc.	12.95
James S. Topham	Instrument case	15.40
Wm. H. Rupp, agent	Envelopes	21.25
Geo. F. Muth & Co.	White lead and turpentine	25.15
Bausch & Lomb Optical Co.	Cablegram	10.36
T. W. Smith	Doors and windows	16.89
Capital Traction Co.	Street-car tickets	10.00
Rochester Optical and Camera Co.	Photo-plate holders	9.60
Richard L. Lamb.	5 dozen pads	6.75
Leo Baum	Photographs	4.00
Mackall Bros	Roach paste, soda, etc.	6.23
Houghton & Delano	Prints for report	4.64
Wilcox & Harvey Manufacturing Co.	Ear markers and punches	4.60
Mittag & Volger	Carbon paper	9.60
The Maurice Joyce Engraving Co.	Engraving plate	1.00
The J. C. Ergood Co.	Sapolio	2.25
Ernest Betz	Sheet iron and repairing	4.50
G. W. Marshe	Certifying to copy of law	2.75
Philip Lindemeyr	Pad ink	1.32
American Sheep Breeder	Illustration of Angora goat	2.40
F. P. May & Co.	Mouse traps	1.50
Geo. P. Hall & Son	Photos of ships	4.80
C. D. Gilman	Chemical thermometers	2.35
C. S. Braisted	Pencils	1.97
Blue Line Transfer Co.	Hauling	1.00
Fredk. Springmann	do	.81
F. H. Lovell & Co.	Alarm clocks	4,056.35
The Public Printer	Bulletins and binding	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
WASHINGTON, D. C.—cont'd.								
Fremont, Elkhorn and Missouri Valley R. R.						Transportation, Dr. Melvin.		\$14.08
The Sioux City and Pacific Rwy.						Transportation, U. G. Houck.		9.52
Total.							\$14,850.51	2,064.51
								\$14,085.67
SCIENTIFIC INVESTIGATIONS.								
Marion Dorset.	Assistant, biochemic division	Feb. 15, 1900			\$1,600		900.00	53.51
Do.	do.	Jan. 1, 1901			1,800		465.40	122.16
Chas. M. Day.	Inspector	Jan. 1, 1899			1,400		488.90	21.56
John S. Buckley	Veterinary inspector	Mar. 1, 1898			1,200		202.20	
Do.	do.	Dec. 1, 1900			1,400		411.54	45.40
H. A. Christmann.	Assistant inspector	Feb. 1, 1898			1,200		850.55	
Do.	do.	Sept. 1, 1900			1,400		103.30	17.25
H. J. Washburn	do.	May 23, 1898			1,200		188.90	36.50
Do.	do.	June 16, 1901			1,400		182.58	
John Wm. Fink	do.	July 1, 1900			1,200		841.29	
Jos. M. Good	do.	Feb. 23, 1899			1,200		189.14	
Burton R. Rogers	do.	June 1, 1900			1,200		1,200.00	
Louise Tayler	Assistant, pathological division.	Jan. 1, 1901	June 15, 1901		1,200		84.20	
E. W. Brown.	Expert poultry investigator	Oct. 16, 1900			1,200		840.00	
Thos. Clarke.	do.	Feb. 15, 1900	Aug. 27, 1900		1,200		120.70	
Jas. R. Stewart	Expert in laboratory work	do.			1,000		720.00	
Stuart H. Beckley	Clerk	May 14, 1900	July 31, 1900		840		270.00	
W. S. Stamper	Messenger in laboratory	Jan. 1, 1901			720		39.60	
Reverdy Davis	Laborer—messenger	May 1, 1901	June 30, 1901		720		50.00	
S. D. Castleman	Laborer.	July 1, 1900			720		600.00	
B. B. Bagby	do.	May 1, 1900		a 45.00			600.00	
Do.	Assistant, biochemic division	Jan. 1, 1901			720		510.97	
Geo. W. Stiles, jr	Scientific aid	June 1, 1901			480			
Fanny Tyson	Laborer.	May 1, 1900		a 60.00				
M. W. Lyon, jr	Aid.	June 1, 1901		a 50.00				
Wm. Alexander	Laborer.	July 1, 1898		a 50.00				
Alice Henderson	do.	Feb. 26, 1900		a 50.00				
Walter L. Stewers	do.	Oct. 23, 1899		a 40.00				
P. D. Encke	do.	July 19, 1900		a 50.00				
Do.	do.	Jan. 19, 1901		a 50.00				

Victorine E. Johnson	do	Apr. 1, 1900	a 40.00 }		505.00	
Do	do	Apr. 16, 1901	a 50.00 }		456.77	
Alfred C. Cassell	do	July 19, 1900	a 40.00 }		130.95	
A. N. Irwin	do	July 1, 1900	a 40.00 }		406.45	
Eunice R. Oberly	do	Aug. 27, 1900	a 40.00 }		442.58	
Annie E. Phillips	do	July 30, 1900	a 40.00 }	480	480.00	
Louise Douglas	Charwoman	Oct. 1, 1897		480	480.00	
Jennie Jones	do	July 1, 1900		480	480.00	
Kate Wasson	do	do				276.25
E. A. de Schweinitz				Traveling and miscellaneous expenses.	136.05	
V. A. Nørgaard				do	272.10	32.99
Ch. W. Stiles				do	246.19	17.25
J. R. Mohler				Traveling expenses	40.80	
Pennsylvania R. R. Co.				Freight and passenger transportation.	144.50	2.21
Baltimore and Ohio R. R. Co.				do	34.50	1.17
Southern Rwy. Co.				Transportation, C. W. Stiles.	78.90	
San Antonio and Aransas Pass Rwy. Co.				do	2.80	
New York, Texas and Mexican Rwy.				do	39.70	
The Missouri Pacific Rwy. Co.				Transportation, J. M. Good	33.50	
The Chesapeake and Ohio Rwy. Co.				Transportation, J. R. Mohler	28.50	
Chicago and Alton Rwy. Co.				do	27.75	
Savannah, Florida and Western Rwy.				Transportation, V. A. Nørgaard.	6.40	
J. Harrison Johnson & Son.				Rents of laboratory		1,800.00
Mackall Bros				Drugs and chemicals		937.51
Z. D. Gilman				Thermometers and syringes		350.04
Bausch & Lomb Optical Co.				Condensers, objectives, jars, etc.		948.05
Washington Gas Light Co.				Gas		372.70
American Ice Co				Ice		226.43
W. B. Moses & Sons				Linoleum and furniture		447.05
Library Bureau				Card case, cards, and guides		113.45
United States Electric Lighting Co.				Electric current		160.02
Geo. E. Howard & Co.				Blackleg envelopes		103.50
United States Envelope Co				do		112.70
Ernest Burgdorf				Hire, horse and buggy		360.00
J. A. Cooper				do		139.88
W. C. Williams				do		11.00
Church & Stephenson				Lumber		133.91
Wm. Kraft				Stages, objectives, and slips		384.45
Thos. Somerville & Sons				Pipes, valves, and lead		122.21
Houghton & Delano				Photo apparatus		170.82
Edw. S. Schmid				Guinea pigs		300.00

a Per month.

Lestrade Bros	do	15.60
Chas. P. Mecabe & Son	do	13.95
Levanage Creamery Co.	do	15.45
Mrs. J. R. Miller	do	3.57
Bark River Cheese Co.	do	6.16
Fosters' Creamery Association.	do	5.37
The Bridgewater Hills Creamery Co.	do	1.80
W. A. Carpenter	do	4.60
J. K. Bennett	do	5.88
Mowbray & Robbins	do	2.34
H. A. Shellenberger	do	3.78
Carrie J. Nelson	do	3.64
F. W. Culbertson	do	3.00
H. N. Slater	do	4.50
Wm. D. Saunders	do	4.62
Dairymen's Union of California.	Butter and cheese	25.71
Brigham, Hoppe & Co.	do	75.92
Eastern Shore of Virginia Produce Exchange.	Sweet potatoes	150.00
B. A. Headley	do	47.31
Miller Bros. & Co.	do	12.00
O. S. McChesney	do	27.50
Crosby & Meyers	Cheese	108.46
C. E. Udell & Co.	do	66.39
Alvah L. Reynolds	do	28.78
The Chandler & Rudd Co.	do	14.40
M. Benson	do	23.69
Lewis Ladrach	do	12.72
Roethlisberger & Gerber	do	14.82
A. F. McLaren Imperial Cheese Co., Limited.	do	16.80
John S. Martin & Co.	do	8.14
Maine Condensed Milk Co.	Condensed milk	20.40
Dodge, Sweeney & Co.	Condensed cream	37.50
J. H. Newbauer & Co.	do	50.05
Gem Fibre Package Co.	Butter boxes	8.50
Cornish, Curtis & Greene Manufacturing Co.	do	3.35
A. H. Reid	do	14.62
Benj. Sharpless	Butter box	1.25
I. Walter Michener	Butter tub	4.50
H. Hayward	Manuscript on cheese	125.00
W. H. Wray	Freight on potatoes	49.76
Coons & Cole	do	8.26
The Merchants' Refrigerating Co.	Inspecting and hauling butter.	429.99
Occidental and Oriental Steamship Co.	Freight on dairy products	20.10
Pacific Mail Steamship Co.	do	39.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.		
DAIRY DIVISION—cont'd.											
The Public Printer											
The Chicago and Northwestern R. R.								Bulletins. Transportation, F. E. Emery		\$2.50	\$2,040.19
Total.									\$1,817.63	2,567.52	6,732.85
EXPERIMENT STATION, BETHESDA, MD.											
W. E. Cotton	Assistant superintendent, experiment station.	Sept. 1, 1885			\$1.00						
Do.	Expert assistant.	Mar. 1, 1901			1.40				470.00		
George W. Brett	Skilled laborer	July 1, 1888			.78				530.30		
Taylor Trice	do.	do			.78				720.00		
John Richards	Laborer.	July 1, 1886			.50				500.00		
Herbert Henderson	do.	July 1, 1888			.42				422.49		
Do.	do.	Apr. 16, 1901			.48				720.00		
J. A. Moxley	do.	July 1, 1900			\$90.00				40.65		
Flagler H. Phillips	do.	July 1, 1884			50.00				600.00		
Harry B. Myers	do.	Jan. 1, 1900			50.00				600.00		
J. W. Stewart	do.	do			50.00						
John W. Shipley	do.	Aug. 6, 1900			40.00				516.77		
Do.	do.	Oct. 10, 1900			50.00						
Marvel B. Greene	do.	Apr. 1, 1900	Sept. 15, 1900		40.00				100.00		
Wm. R. Poore	do.	July 1, 1900			40.00				480.00		
H. E. Suit	do.	July 1, 1894			40.00				480.00		
Fritz Voigt	do.	July 1, 1900			40.00				480.00		
Wm. Walton	do.	Aug. 1, 1883	Sept. 7, 1900		40.00				88.00		
B. E. Beckwith	do.	Jan. 1, 1900			35.00				420.00		
Geo. M. Stadler	do.	July 24, 1900			30.00						
Do.	do.	Nov. 22, 1900			40.00				463.00		
James B. Birch	do.	Feb. 1, 1900			30.00				300.00		
James Branch	do.	July 17, 1889			30.00				300.00		
John Fletcher	do.	Sept. 1, 1899			30.00				300.00		
John Hill	do.	May 27, 1901			30.00				30.00		
Wm. J. Mahaney	do.	Apr. 25, 1900	May 15, 1901		30.00				314.00		
Frank Matthews	do.	Sept. 24, 1900			30.00				277.00		
Wm. T. Pugh	do.	Aug. 8, 1889			30.00				300.00		
Wm. H. Pyles	do.	Apr. 27, 1900			30.00				300.00		

L. A. Pyle	do	Aug. 1, 1900	\$30.00	Traveling expenses	330.00	92.01
John Warren	do	Apr. 6, 1900	\$30.00	Station expenses	330.00	9,698.04
Perry Collins	do	May 2, 1901	\$2.50	Live stock and feed	115.00	4,481.00
Rich. E. Seck	do	do	\$2.50	Corn, oats, meal, and bran	117.50	2,402.29
Allen Neal	do	do	\$1.00	Lumber	50.00	535.19
Alex. Washington	do	do	\$1.00	Hardware, rope, etc	9.00	507.03
W. C. Pennywitt				Hydrants, tank, cement, etc		487.68
E. C. Schroeder				Microscopic apparatus		455.40
A. Wilson & Bro.				Hogs		220.00
W. M. Galt & Co.				Telephone		
Church & Stephenson				Thermometers, fur, etc.		103.09
Rudolph, West & Co.				Sulphur, alum, and drugs		173.54
Thos. Somerville & Sons				Horseshoeing		114.44
Edmer & Amend				Constructing water tank		502.92
The Chesapeake and Potomac Telephone Co.				Paints, lead and putty		131.21
Z. D. Gilman				Furnace and connections		157.50
Mackall Bros				Hauling coal		125.00
Geo. C. Walker				Coal		162.24
Geo. F. Math & Co.				do		96.21
Ernest Betz				Fire extinguishers		186.00
Littfield, Alvord & Co.				Harness, whips and brooms		112.00
Wm. J. Zeh				Linseed oil and buckets		108.78
Johnson Bros				One horse		140.00
Wm. H. Beck				Top buggy		180.00
Lutz & Co.				Paving brick		130.00
Charles Becker				Hardware		99.19
F. Clark				Disinfecting tanks		85.40
The McDermott Carriage Co				Refrigerator, desk, and chairs		69.15
The Standard Brick Co				Prepared feed		64.00
James B. Lambie				Beakers and flasks		52.90
Smith & Pomeroy				Clocks		50.56
W. B. Moses & Sons				Hay-cutter, chains, and cable		54.75
Edw. S. Schmid				Cart and baskets		30.25
Whitall, Tatum & Co.				Telephones and batteries		37.00
Lovell & Co.				Paints and glass		37.69
Estate of W. I. Brooke				Towels, cloth, and linen		47.88
L. G. Omdorff				Sweep and sapolio		27.50
M. Du Perow				Cylinders and squares		17.70
Hugh Reilly				10 barrels lime		7.50
R. P. Clarke Co				Sand		23.00
The J. C. Ergood Co				Water motor and tires		24.00
Bausch & Lomb Opt. Co				Harness, straps, and rye		24.75
J. T. Walker Sons				Per day.		
Robert Burrows						
Simeon Treuner						
P. Mann & Co.						

* Per month

Chas. W. Denton.....	Inspector	Dec. 1, 1898			1 stallion		25.00
Sam'l Chamberlain.....	do	Oct. 1, 1899			do		20.00
Alex. Williams.....	do	Jan. 1, 1901			1 mare		20.00
Plenty Birds.....	do	July 1, 1900			do		20.00
Paul H. Beguin.....	do	do			do		10.00
Total.....						2,802.81	390.00
CONTAGIOUS DISEASES IN- SPECTION.							
John McBirney.....	Inspector	Dec. 1, 1898			1,600	800.00	539.57
Rice P. Steddom.....	do	Oct. 1, 1899			1,400		
Do.....	do	Jan. 1, 1901			1,600	1,500.00	809.92
Harry B. Adair.....	do	do			1,400	1,400.00	230.85
Leslie J. Allen.....	do	do			1,400	1,400.00	577.63
O. G. Atherton.....	do	do			1,400	232.10	191.35
Thos. A. Bray.....	do	Feb. 1, 1900			1,400	1,400.00	124.00
Lowell Clarke.....	do	June 1, 1900			1,400	1,690.00	879.70
Fredk. W. Hopkins.....	do	do			1,400	1,392.43	53.23
Louis A. Robinson.....	do	do			1,400	238.50	1.94
Frank T. Shannon.....	do	Jan. 1, 1897			1,400	470.60	156.85
Arthur R. Wake.....	do	Sept. 1, 1898			1,400	236.00	32.45
Richd. J. Blanche.....	Assistant Inspector	Jan. 1, 1899			1,200		
Do.....	do	Feb. 23, 1898			1,200	1,207.30	36.09
Do.....	do	Mar. 1, 1901			1,200		
Levi P. Beechey.....	do	July 15, 1898			1,200	1,101.10	741.45
Do.....	do	June 24, 1901			1,400		
Fredk. T. Dolan.....	do	Apr. 1, 1898			1,200	1,124.47	398.79
Do.....	do	Apr. 1, 1901			1,400		
Thomas Castor.....	do	Apr. 1, 1897			1,200	1,316.80	754.55
Do.....	do	Dec. 1, 1900			1,400		
Allen A. Holcombe.....	do	Aug. 15, 1899			1,200	1,033.20	346.01
Do.....	do	Nov. 1, 1900			1,400		6.25
Walter E. Howe.....	do	Apr. 11, 1898			1,200	1,233.50	828.80
Do.....	do	May 1, 1901			1,400		
J. Otis Jacobs.....	do	July 1, 1898			1,200	1,132.40	459.25
Do.....	do	May 1, 1901			1,400		
John P. O'Leary.....	do	Feb. 1, 1896			1,200	1,120.22	
Do.....	do	Sept. 15, 1900			1,400		
Harry D. Paxson.....	do	Jan. 4, 1897			1,200	1,335.63	115.20
Do.....	do	Sept. 15, 1900			1,400		
Arthur M. Rork.....	do	Feb. 1, 1898			1,200	1,121.18	323.08
Do.....	do	Feb. 1, 1901		May 19, 1901	1,400		
Peter I. Kershner.....	do	Feb. 3, 1897			1,200	1,313.04	210.45
Do.....	do	Sept. 15, 1900			1,400		
Geo. W. Browning.....	do	Apr. 5, 1900			1,200	300.00	30.20
Clinton H. Bugbee.....	do	Mar. 14, 1901			1,200	360.00	263.85
H. M. Burgess.....	do	Apr. 8, 1898			1,200	900.00	110.46
W. F. Crewe.....	do	Sept. 25, 1900		June 6, 1901	1,200	296.73	110.55
Roy N. Drake.....	do	Aug. 23, 1900			1,200	98.50	72.85
F. C. Eells.....	do	Mar. 1, 1898			1,200	878.58	320.14
Wm. P. Ellenberger.....	do	Aug. 18, 1898			1,200	1,200.00	758.05

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
CONTAGIOUS DISEASES INSPECTION—continued.								
Arthur C. Hart	Assistant inspector.	June 1, 1900			\$1,200		\$98.90	\$27.10
David C. Hanawalt	do	Mar. 1, 1900			1,200		201.10	111.90
Raymond Johnson	do	Aug. 1, 1899			1,200		594.50	149.22
W. L. Johnson	do	May 23, 1901			1,200		128.57	
Louis A. Klein	do	June 15, 1901			1,200		52.75	95.81
Axel Kolling	do	Oct. 22, 1900			1,200		304.84	234.25
M. S. Lentz	do	June 20, 1900			1,200		397.80	402.86
C. M. McFarland	do	June 12, 1901			1,200		98.90	61.05
John H. McNeill	do	June 15, 1901			1,200		313.65	256.28
Louis Metsker	do	Sept. 1, 1899			1,200		997.80	528.00
Monroe B. Miller	do	Feb. 1, 1899			1,200		1,173.63	180.80
Murray J. Myers	do	Apr. 1, 1898			1,200		1,200.00	484.36
B. W. Murphy, jr	do	Nov. 11, 1899			1,200		201.10	41.65
Frank Parker	do	Oct. 22, 1900			1,200		795.02	422.40
Joseph W. Parker	do	June 12, 1900			1,200		472.84	188.95
Adolph J. Pistor	do	Dec. 15, 1898			1,200		1,173.63	38.01
Robt. A. Ramsay	do	Feb. 8, 1899			1,200		701.10	233.30
Hugh M. Rowe	do	Dec. 15, 1898			1,200		1,088.90	970.70
Wm. G. Shaw	do	Feb. 8, 1899			1,200		1,200.00	719.45
W. C. Siegmund	do	Jan. 17, 1898			1,200		427.15	483.49
C. J. Shier	do	Aug. 15, 1898	July 31, 1900		1,200		101.10	
Chas. E. Steel	do	Aug. 1, 1899	June 24, 1901		1,200		496.70	204.35
Frisbie T. Suit	do	May 23, 1901			1,200		128.57	108.50
Geo. E. Totten	do	July 14, 1899			1,200		300.00	55.45
Robt. H. Treacy	do	Oct. 12, 1896			1,200		1,200.00	743.43
Thomas White	do	Aug. 23, 1900			1,200		45.65	11.39
Albert Dean	Live-stock agent	Sept. 1, 1893			1,800		1,800.00	84.25
Joseph Bruser	do	Nov. 15, 1897			1,200		1,200.00	
W. E. Hill	do	do			1,200		1,200.00	
Wm. D. Jordan	do	Jan. 1, 1894			1,200		1,101.10	54.95
Dan. McCummingham	do	do			1,200		1,200.00	977.30
Geo. C. Moser	do	do			1,200		1,200.00	410.46
Benj. S. Paddock	do	do			1,200		1,200.00	422.11
B. L. Stine	Special live-stock agent	Nov. 1, 1896			1,200		895.67	
Geo. S. Hickox	Agent and expert	July 1, 1900			1,200		1,154.33	42.65
Do	do	Oct. 1, 1899			1,000		1,000.00	1,143.48
James Irwin	do	Jan. 1, 1900			1,200		1,000.00	
Chas. A. Brown	Stock examiner	June 15, 1897			1,400		875.56	184.60

Edw. Brundige	do	Jan. 16, 1894	Jan. 28, 1901	900	140.20	46.30
Edw. A. Bundy	do	Feb. 1, 1901		900	22.25	46.30
W. R. Dennis	do	Nov. 10, 1896		900	74.20	84.50
Frank A. Ewing	do	May 1, 1894		900	46.38	84.50
David R. Hodges	do	Sept. 1, 1896		900	74.20	115.05
Wm. C. Honan	do	May 1, 1897		900	750.80	197.55
Harry L. McDonald	do	Feb. 15, 1896		900	900.00	25.30
Albert W. Meyer	do	Apr. 1, 1897		900	75.80	
Jno. F. Schiermann	do	Feb. 1, 1901		900	887.74	
A. J. Smith	do	Mar. 10, 1896		900	39.56	38.25
Jos. M. Turner	do	Feb. 1, 1901		900	816.83	12.75
Wm. Yenner	do	June 1, 1897		900	74.20	73.95
Jacob K. Skinner	Clerk	Aug. 15, 1900		900	74.20	
Laomer West	do	Jan. 16, 1901		840	789.98	9.05
T. B. Cracroft	do	Apr. 25, 1898		720	347.70	33.95
Jay E. Williams	do	Feb. 1, 1895		840	139.20	3.65
Thos. Redmond	do	June 10, 1901		720	138.16	55.90
Do	Tagger	Apr. 10, 1901		900	600.60	
E. S. Bennett	Stock examiner	Feb. 15, 1895		720	121.20	
Jas. A. Flanagan	do	May 23, 1895		720	720.00	39.50
Walter M. Foster	do	Dec. 1, 1898		720	590.66	
Michl. Justinger	do	July 1, 1893		720	62.00	
Jas. L. McGill	do	Aug. 13, 1900		720	180.00	23.60
Chas. Pearson	do	June 15, 1898		720	720.00	
W. E. Stoner	do	Apr. 7, 1897		720	720.00	
Hiram Grable	do	Sept. 1, 1896			608.00	
Ch. Wardell Stiles	Laborer					125.18
Saml. E. Cosford	do					45.66
Don W. Patton	do					40.19
E. N. Hutchinson	do					10.20
Harry K. Walter	do					6.40
F. D. Fleming	do					91.18
F. D. Ketchum	do					27.45
G. A. Lytle	do					14.59
Louis K. Green	do					5.00
Jno. C. Mines	do					1.75
Union Pacific R. Co.	do					296.74
Chicago, Burlington and Quincy R. R. Co.	do					73.32
The Atchison, Topeka and Santa Fe Rwy. Co.	do					63.60
Southern Rwy. Co.	do					130.64
Nashville, Chattanooga and St. Louis Rwy.	do					45.53
Louisville and Nashville R. R. Co.	do					13.50
Chesapeake and Ohio Rwy. Co.	do					36.35
Atlanta, Knoxville and Northern Rwy. Co.	do					17.85

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
 SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
CONTAGIOUS DISEASES INSPECTION—continued.										
Nashville, Chattanooga and St. Louis Rwy.						Transportation, Steddom.			\$3.51	
Cincinnati, New Orleans and Texas Pacific Rwy. Co.						do.			4.50	
Santa Fe Pacific Rwy. Co.						Transportation, Thos. Castor.			95.60	
Great Northern Rwy. Co.						Transportation, Hickox and Rowe.			23.90	
The Oregon R. R. and Navigation Co.						Transportation, Hickox.			22.40	
Northern Pacific Rwy. Co.						do.			40.55	
The Rio Grande-Western Rwy. Co.						do.			42.20	
Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.						do.			7.90	
International and Great Northern R. R.						Transportation, Burgess.			9.20	
Missouri, Kansas and Texas Rwy. Co.						do.			4.16	
Chicago, Milwaukee and St. Paul Rwy. Co.						Transportation, Holcombe.			7.59	
The Wabash R. R. Co.						do.			4.29	
The Texas and Pacific Rwy. Co.						Transportation, Moser.			6.40	
Fort Worth and Denver City Rwy.						do.			4.30	
The Colorado and Southern Rwy. Co.						Transportation, Beechy.			8.45	
Chicago and Northwestern Rwy. Co.						Transportation, Siegmund, Atherton, et al.			96.80	
Oregon Short Line R. R.						Transportation, Howe, Lantz, et al.			81.00	
Fremont, Elkhorn and Missouri Valley R. R.						Transportation, Pistor.			3.14	
Southern Pacific Co.						Transportation, Shaw, Hickox, et al.			101.80	
The Missouri Pacific Rwy. Co.						Transportation, Brown.			4.60	

M. B. Culkins	Inspector	June 1, 1900	1,400	1 sow and 13 pigs	60.00
W. P. Campbell	do	Oct. 1, 1899	1,400	20 pigs	46.00
O. W. Kurtz	do	Sept. 11, 1893	1,400	Team, meal, and lodging	15.25
Total					1,323.26
IMPORT CATTLE INSPECTION.					
F. M. Perry	Inspector	June 1, 1900	1,400		
E. L. Volgenau	do	Oct. 1, 1899	1,400		277.45
Bernad. P. Wende	do	Sept. 11, 1893	1,400		867.40
Benj. Howes	Assistant inspector	Feb. 1, 1898	1,200		1,165.40
Do	Inspector	Mar. 1, 1901	1,400		79.45
H. D. Mayne	do	Mar. 1, 1897	1,200		149.84
G. W. Ward	do	May 1, 1892	5.00		1,200.00
Do	do	Apr. 1, 1901	1,400		920.00
W. N. D. Bird	do	June 1, 1898	1,200		201.10
A. F. Martins	Assistant inspector	Mar. 1, 1898	1,200		103.80
John A. Bell	Inspector	Aug. 1, 1892	8.00		103.80
F. L. Russell	do	Sept. 1, 1894	8.00		208.00
Charles Cowie	do	Feb. 1, 1892	5.00		25.98
Do	do	Apr. 1, 1901	5.00		302.55
D. Cumming	do	Mar. 26, 1891	5.00		944.00
C. L. Morin	Assistant inspector	July 1, 1899	\$5 and \$3		980.00
Hervey T. Potter	do	May 10, 1899	5 and 3		526.00
Jno. F. Deadman	do	June 1, 1899	\$3.00		117.00
Ransom Hinkson	Tagger	Apr. 25, 1896	720		123.00
W. A. Willard				Traveling expenses	720.00
U. G. Honek				do	57.66
Jno. P. O'Leary				do	26.00
H. R. Ryder				do	18.16
C. O. Durfee				do	11.60
Harry M. Ball				do	28.59
C. H. Zink				do	38.65
L. A. Robinson				do	23.42
Louis K. Green				do	8.41
				Traveling and miscellaneous expenses.	10.15
Z. D. Gilman				Clinical thermometers.	18.00
James B. Lambie				Horse clippers.	13.50
IMPORT INSPECTION IN GREAT BRITAIN.					
Toole A. Geddes	Special inspector	Nov. 1, 1900	2,000		
White Star Line				Transportation, T. A. Geddes.	399.01
Pennsylvania R. R. Co.				do	115.00
Jennie T. Thomson				Envelopes and dies	6.50
Total					12,358.07
					2,120.43
					89.04

		Veterinary inspector		Feb. 8, 1892		5.00		Salary		
<i>New Orleans, La.</i>								75.00		
Asa N. McQueen										
<i>New York, N. Y.</i>										
Wm. H. Rose		Inspector		Sept. 1, 1893			2.00	2,000.00	3.35	312.25
Henry Brister		do		Feb. 1, 1900			1.400	1,400.00		
R. R. Letts		do		do			1.400	1,400.00		
James Flannery		Vessel inspector		Sept. 1, 1893			1.200	1,200.00		
Joseph P. McEnaney		Clerk		Jan. 1, 1894			1.000	1,000.00		
Wm. Foley		Stock examiner		May 1, 1896			1.000	1,000.00		
Chas. F. Cramer		Tagger		June 10, 1901			720	720.00		
Edwin J. Danby		do		Dec. 19, 1900			41.54	386.57		
Edw. L. Flannery		do		Feb. 1, 1896			720	720.00		
Geo. Messemmer		do		Sept. 15, 1893			720	720.00		
Guy A. Sharp		do		Feb. 6, 1896			720	720.00		
S. Royden Burch		Laborer		Jan. 28, 1901			720	302.00		
John Boyd Kay		do		Apr. 17, 1901		2.50		100.00		
James Stikeman		do		Apr. 27, 1900		2.50		597.50		
New York Telephone Co.								Office rent		500.00
								Telephone rental		111.32
<i>Philadelphia, Pa.</i>										
George Carter		Vessel inspector		Feb. 1, 1900			1.200	1,200.00		
John Biehl		Laborer		Feb. 15, 1901		2.00		32.00		
Edw. Hagan		do		Sept. 15, 1900		2.00		22.00		
Wm. J. Haughey		do		Aug. 22, 1896		2.00		200.00		193.60
Chas. A. Schauder								Horse hire and miscellane- ous		82.50
The Bell Telephone Co. of Philadelphia.								Telephone rental		
<i>Norfolk, Va.</i>										
Geo. C. Faville		Inspector		Feb. 1, 1893			1.600	1,600.00		38.85
Sol. Miller		Stock examiner		May 1, 1894			1.000	1,000.00		90.43
J. A. Turner								Office rent		78.75
J. E. R. Carpenter								do		
<i>Pittsburg, Pa.</i>										
Harry N. Waller		Inspector		Apr. 1, 1898			1.400	318.50		6.70
Do		do		Sept. 15, 1900			1.600			
Fredk. W. Almsworth		Assistant inspector		Feb. 7, 1898			1.200	1,024.98		33.50
Do		do		Nov. 15, 1900			1.400			
H. L. Bollinger		Inspector		May 15, 1900			720	60.60		
Sydney W. Jones		Tagger		July 20, 1898			720	180.00		
Louis B. Cohick		do		June 20, 1899		2.00		19.00		
Dann Bilty		Laborer		Nov. 21, 1898		2.00		153.00		
Wm. Miller		do		Sept. 9, 1900		2.00		8.00		
Saml. Wilkinson		do		Oct. 9, 1899		2.00		20.00		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
EXPORT CATTLE INSPECTION—continued.									
Buffalo, N. Y.									
Chas. H. Zink	Inspector	Feb. 1, 1900			\$1,600		\$1,600.00		
Bern'd P. Wende	do	Sept. 11, 1893			1,400		234.60		
Jno. P. O'Leary	Assistant inspector	Feb. 1, 1896			1,200				
Do	Inspector	Sept. 15, 1900			1,400		117.90		
Harry M. Ball	Assistant inspector	Nov. 1, 1898			1,200		691.20		
C. O. Durfee	do	June 25, 1900			1,200		103.30		
Herman R. Ryder	do	July 14, 1899			1,200		103.30		
Albert H. Hoyt	Clerk	May 1, 1893			1,000		986.37		
John L. Grobe	Stock examiner	Dec. 2, 1895	Nov. 30, 1900		900		225.00		
Albert W. Meyer	do	Feb. 15, 1896			900		149.20		
James F. Hughes	Laborer	May 9, 1898			720		720.00	\$241.75	
Chas. H. Zink						Horse and buggy and miscellaneous.		180.00	
East Buffalo Live Stock Exchange Co.						Office rent			
A. Cutler & Son						Desk, chair, and stand.		30.50	
The Bell Telephone Co. of Buffalo.						Telephone rental		35.28	
International Office Toilet Supply Co.						Towel laundry		6.97	
Portland, Me.									
F. W. Huntington	Inspector	June 1, 1896			1,200		1,200.00		
F. W. Sergeant	Laborer	Dec. 1, 1896		\$2.00			622.00		
Chicago, Ill.									
Herman Busman	Assistant inspector	Feb. 23, 1898			1,200		1,267.30		
Do	Inspector	Mar. 1, 1901			1,400				
Max Wolf	Clerk	Feb. 1, 1896			1,000		1,000.00		
Arda Watson	Live-stock agent	Jan. 1, 1894			900		900.00		
Dighton Granger	Stock examiner	June 1, 1898			900		900.00		
Wm. C. Honan	do	May 1, 1897			900		149.20		
John F. Kelly	do	June 30, 1895			900		900.00		
Michl. J. Quirk	do	Jan. 16, 1895			900		900.00		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	Miscella- neous.
MEAT INSPECTION—cont'd.								
Chicago, Ill.—Continued.								
Jos. B. Clancy	Inspector	Aug. 15, 1893			\$1,400		\$1,400.00	
F. L. De Wolf	do	June 1, 1900			1,400		820.60	
J. G. Fish	do	Jan. 16, 1895			1,400		1,367.59	
James Fleming	do	Oct. 1, 1899			1,400		1,400.00	
H. W. Hawley	do	June 1, 1900			1,400		1,400.00	
Jacob S. Berner	Assistant inspector	Sept. 18, 1900			1,200		942.39	
E. L. Bertram	do	Feb. 23, 1899			1,200		1,200.00	
Joel L. Burgett	do	June 18, 1901			1,200		86.26	
Joel E. Cloud	do	Dec. 15, 1900			1,200		655.43	
H. H. Cohenour	do	June 1, 1901			1,200		98.90	
W. I. Dillingham	do	June 15, 1900			1,200		1,200.00	
Warren J. Fretz	do	Sept. 1, 1900			1,200		97.80	
Sam'l. Glasson, Jr	do	June 15, 1900	July 27, 1900		1,200		88.04	
Chris. F. Grtiner	do	July 9, 1900	Oct. 8, 1900		1,200		296.73	
J. J. L. Holding	do	Aug. 1, 1900			1,200		894.50	
Hazen H. Hicks	do	Dec. 18, 1900			1,200		932.60	
A. A. Holcombe	do	Aug. 15, 1899			1,200		300.00	
James G. Hope	do	Mar. 4, 1898			1,200		1,200.00	
H. W. Illston	do	Jan. 3, 1900	June 8, 1901		1,200		1,053.44	
George Jobson	do	July 20, 1898			1,200		1,197.31	\$25.37
Inspector	Assistant inspector	June 24, 1901			1,400		1,200.00	
Chas. W. Johnson	do	Aug. 18, 1898			1,200		1,200.00	
Jno. T. Kennedy	do	June 25, 1900			1,200		1,200.00	
Matt. S. Lantz	do	June 20, 1900			1,200		202.20	
Geo. A. Lytle	do	Apr. 1, 1898			1,200		1,250.00	
Inspector	Assistant inspector	Apr. 1, 1901			1,400		475.00	
Edw. Merillat	do	Apr. 12, 1901			1,200		859.65	
Jno. J. Murray	do	Aug. 23, 1900			1,200		613.04	
W. M. MacKellar	do	Dec. 27, 1900			1,200		1,243.32	
Frank B. McCall	do	Nov. 10, 1896			1,200		900.00	
Inspector	Assistant inspector	Sept. 15, 1900			1,400		1,200.00	
W. H. McKinney	do	Oct. 1, 1900			1,200		609.78	
Michl. T. Naughton	do	Aug. 5, 1898			1,200		358.65	
Chas. B. Potter	do	Dec. 15, 1900			1,200		1,246.73	
Frank Rimmer	do	Aug. 13, 1900	Dec. 30, 1900		1,200			
Albert E. Rishel	do	Mar. 4, 1898			1,200			
Inspector	do	Apr. 1, 1901			1,400			

Burton R. Rogers	Assistant inspector	June 1, 1900	1,200	701.09	27.65
Willard A. Savage	do	Apr. 1, 1898	1,200	1,134.60	
Do	Inspector	Apr. 1, 1901	1,400		
Wm. C. Stegmond	Assistant inspector	Jan. 17, 1898	1,200	803.35	59.65
Do	Inspector	Jan. 11, 1901	1,400		
Wm. H. Smith, jr	Assistant inspector	Apr. 1, 1898	1,200	1,250.00	
Do	Inspector	Apr. 1, 1901	1,400		
Frank P. Sturges	Assistant inspector	May 23, 1901	1,200	128.57	
W. B. Trembeth	do	June 1, 1901	1,200	98.90	
Do	do	Apr. 15, 1897	1,200	1,316.80	
Do	Inspector	Dec. 1, 1900	1,400		
Edw. K. Ward	Assistant inspector	June 1, 1900	1,200	1,200.00	
Warner Worcester	do	Sept. 1, 1900	1,200	997.80	
Benj. S. Paddock	Live-stock agent	Nov. 1, 1896	1,200	297.80	
Charles Battick	Clerk	Sept. 1, 1894	1,000	1,000.00	
B. A. Galligan	do	Jan. 1, 1896	1,000	892.80	
E. B. Luce	do	Feb. 1, 1896	1,000	1,000.00	
Charles S. Pew	do	Dec. 15, 1893	1,000	1,000.00	
Chas. W. Philpot	do	July 21, 1899	1,000	994.60	
S. H. Tourtellotte	do	Jan. 10, 1898	1,000	1,000.00	
Irving W. Pew	do	July 1, 1898	1,000	1,000.00	
Do	do	Jan. 1, 1900	900	950.00	
Leroy Scribner	do	do	1,000	955.63	
Do	do	Dec. 1, 1900	1,000	877.84	
J. J. O'Malley	do	Nov. 1, 1895	900	825.80	
Jacob K. Skinner	do	June 1, 1897	900	671.70	
Norman R. Adams	Stock examiner	Nov. 1, 1895	900		
Horace G. Arnold	Tagger	Dec. 1, 1898	720	372.50	
Do	Stock examiner	Feb. 1, 1901	900		
George Best	do	Jan. 1, 1894	900	900.00	
Clark C. Bone	do	June 1, 1898	900	900.00	
Edw. Brundige	do	Jan. 16, 1894	900	191.96	
H. D. Burdick	do	Jan. 8, 1894	900	900.00	
Thomas G. Clark	do	Jan. 1, 1894	900	895.08	
F. C. Cooley	do	Nov. 1, 1895	900	897.57	
Jas. J. Duffey	do	Jan. 1, 1894	900	900.00	
David S. Farley	do	Apr. 6, 1899	900	900.00	
David Frisch	do	Jan. 1, 1894	900	900.00	
Thomas B. Fugitt	do	May 1, 1899	900	900.00	
James Gardner	do	June 27, 1895	900	900.00	
Henry Grady	do	do	900	893.92	
Thos. F. Hanley	do	June 24, 1895	900	840.69	
Geo. T. Hanton	do	June 27, 1895	900	675.00	
Wm. Harpst	do	do	900	900.00	
Wm. P. Hickey	do	Feb. 15, 1894	900	900.00	
Dennis Hurley	do	Aug. 1, 1895	900	897.57	
Joseph F. Jordan	do	Jan. 1, 1894	900	900.00	
Theodore Kantor	do	Nov. 11, 1895	900	36.68	
Julius Kidder	do	Sept. 1, 1898	900	749.20	
Otho D. Kortz	do	June 27, 1895	900	900.00	
Geo. Lannham	do	Jan. 1, 1894	900	900.00	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Richd. E. Lyman	Stock examiner	Apr. 23, 1894			\$900		\$749.20		
Abram M. Manny	do	July 27, 1897			900		867.89		
Jas. A. Murphy	do	Jan. 1, 1894			900		900.00		
John Murphy	do	Feb. 15, 1894			900		900.00		
Terence O'Brien	do	do			900		900.00		
Thos. O'Shaughnessy	do	do			900		900.00		
G. W. Pierce	do	Jan. 8, 1894			900		900.00		
W. S. Pidcock	do	Aug. 1, 1895			900		900.00		
Wm. Proudfoot	do	Feb. 1, 1896			900		889.02		
Jno. J. Ryan	do	Dec. 1, 1893			900		900.00		
Jno. W. Sarsfield	do	Jan. 1, 1894			900		900.00		
Frank Schroeder	do	June 27, 1895			900		900.00		
Fredk. L. Simpson	do	do			900		898.80		
Saml. T. Smith	do	Jan. 16, 1894			900		900.00		
Thos. J. Wade	do	July 1, 1896			900		900.00		
Fred. D. Waterman	do	Jan. 15, 1896			900		900.00		
H. B. Weller	do	Feb. 1, 1896			900		900.00		
H. D. Williams	do	June 27, 1895			900		886.41		
Geo. W. Wood	do	do			900		900.00		
Theo. B. Zuendel	do	Nov. 1, 1895			720		74.20		
David C. Barnett	Tagger	Mar. 25, 1898			900				
Do	do	Feb. 1, 1901			900				
Edw. W. Barthold	Stock examiner	May 11, 1899			720		718.10		
Chas. H. Bridges	Tagger	May 4, 1899	Feb. 18, 1901		720		257.00		
R. A. Broadhurst	do	Jan. 1, 1896			720		239.12		
Jno. W. Burton	do	Jan. 2, 1899			720		720.00		
Wm. D. Clark	do	Oct. 14, 1897			720		720.00		
Wm. Cleveland	do	Jan. 1, 1892			720		720.00		
Harry H. Cofoid	do	Nov. 18, 1895			720		480.92		
Wm. E. Danaher	do	Nov. 10, 1899	Apr. 5, 1901		720		720.00		
Hugo Elbring	Tagger	Nov. 10, 1899			720		657.34	\$13.40	
Chas. E. Faulhaber	do	Sept. 25, 1900			720		551.74		
Archd. L. Faunce	do	Oct. 16, 1899			720				
Do	do	Mar. 16, 1901			900		613.20		
Frank J. Fess	Stock examiner	Jan. 2, 1900			720		720.00		
Jno. Fitzgerald	Tagger	June 27, 1895			720		60.00		
Jas. A. Flanagan	do	May 23, 1895			720		598.80		

James Foley	do	July 17, 1893	720	720.00	
Albert W. Ford	do	Nov. 10, 1889	720	660.70	
Wm. Fox	do	Feb. 1, 1894	720	720.00	
M. J. Freidline	do	Mar. 1, 1901	720	257.65	
Jno. J. Garrity	do	Sept. 1, 1893	720	720.00	
Albert E. Harris	do	May 1, 1896	720	411.48	
Frank A. Healy	do	Nov. 10, 1899	720	720.00	
Jas. Herriman	do	June 27, 1895	720	794.50	
Do	Stock examiner	Feb. 1, 1901	900		
Alaine Hostetler	Tagger	Oct. 1, 1898	720	760.30	
Do	Clerk	Mar. 1, 1901	840		
De L. Howard	Tagger	Sept. 15, 1893	720	720.00	
Geo. E. Jaqua	do	May 4, 1899	720	720.00	
Dan Lynch	do	Aug. 15, 1893	720	720.00	
Jno. C. Massie	do	Oct. 20, 1896	720	794.50	
Do	Stock examiner	Feb. 1, 1901	900		
Michl. Metzger	Tagger	Sept. 15, 1893	720	720.00	
C. O. McDonald	do	Dec. 1, 1898	720	482.59	
Jas. H. O'Brien	do	Jan. 2, 1899	720	720.00	
J. C. Porterfield	do	May 16, 1894	720	720.00	
Andrew J. Quinn	do	Nov. 10, 1899	720	538.00	
Jas. M. Rainey	do	June 27, 1895	720	568.04	
Theo. Sauer	do	Aug. 15, 1891	720	690.70	
I. Shortridge	do	Dec. 2, 1895	720	599.30	
Jas. R. Simpson	do	Oct. 10, 1898	720	720.00	
C. P. Staines	do	Sept. 20, 1900	720	367.83	
J. E. Tronighton	do	Dec. 1, 1892	720	718.10	
Thos. A. White	do	Oct. 6, 1898	720	720.00	
Hardee Wyatt	do	June 24, 1895	720	59.30	
Hiram Grabie	do	Nov. 10, 1899	720	77.23	
O. E. Dyson	Laborer	Sept. 1, 1896		\$2.00	
S. W. Burt					
H. W. Hawley					
Hibbard, Spencer, Bartlett & Co.					
The Rio Grande Western Rwy. Co.					
Union Stock Yard and Transportation Co., of Chicago.					
Chicago Telephone Co.					
Fort Wayne Coal Co.					
Detroit Stove Works.					
A. P. Little					
Rand, McNally & Co.					
The A. H. Andrews Co.					
American Desk Co.					
Brink's Chicago City Express Co.					
Waterbury Clock Co.					
B. Dufrain					
				42.50	
					724.00
					175.00
					110.50
					48.50
					38.80
					18.50
					30.50
					28.00
					23.55
					11.76
					20.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Stock Yard Paint Co.									\$3.18
Wyckoff, Seamans & Benedict.									5.10
J. Haberle.									
Frank P. Thein									1.10
Marshall Field & Co.									2.75
Illinois Wringer Co.									6.67
Geo. E. Marshall & Co.									3.50
A. W. Martin & Co.									3.48
J. W. Nunnemaker									3.38
Cudahy, Wis.									
Boyd Baldwin.	Inspector	Dec. 1, 1900			\$1,400				
Arthur E. Wake.	do	Jan. 1, 1899			1,400			\$5.87	29.22
Tait Butler	Assistant inspector	June 20, 1899			1,200			350.00	15.36
Do.	Inspector	Nov. 1, 1900	Dec. 10, 1900		1,400			253.34	12.50
Isaac N. Krowl	Assistant inspector	Jan. 4, 1901			1,200				
Jas. W. Carney	Stock examiner	Sept. 15, 1894			900			590.03	
Charles Elmer	do	Jan. 1, 1899			900			849.85	
Geo. J. Reinsch	Clerk.	May 15, 1895			900			900.00	
S. D. Gillett	Tagger.	Jan. 2, 1899			720			900.00	
John Hoberg	do	June 1, 1901			720			720.00	
Frank Mackut.	do	May 1, 1896			720			59.30	
Jos. M. Sommer	do	May 1, 1896			720			720.00	
The Wollaege Mfg. Co.	do	Oct. 1, 1895			720			637.17	
Kansas City, Kans. and Mo.									
Sam'l E. Bennett	Inspector	Oct. 1, 1899			1,800				26.50
C. H. Davies.	do	Sept. 18, 1891			1,400			1,800.00	
Benj. F. Kaupp	do	June 1, 1900			1,400			1,379.04	
Jno. C. Milnes	do	Jan. 1, 1899			1,400			1,400.00	
Wm. R. Andress	Assistant inspector	Aug. 23, 1900			1,200			1,050.00	
Henry C. Babcock	do	July 1, 1900			1,200			1,014.10	
G. W. Browning	do	Apr. 5, 1900			1,200			202.20	
S. H. Caldwell	do	Dec. 27, 1900			1,200			492.37	
Chas. H. Canfield	do	Apr. 1, 1898			1,200			604.79	
Thos. W. Carnahan	do	Feb. 10, 1898			1,200			900.00	
Do.	Inspector	Mar. 1, 1901			1,400			1,267.30	

Herbert B. Chaney	Assistant inspector	Apr. 1, 1898	1,200	1,248.26
Do.	Inspector	Apr. 1, 1901	1,400	
W. Ross Cooper	Assistant inspector	Jan. 25, 1897	1,200	1,354.92
Do.	Inspector	Sept. 15, 1900	1,400	
Clarence A. Clawson	Assistant inspector	Dec. 27, 1900	1,200	616.30
Warren J. Fretz	do	Sept. 1, 1900	1,200	847.25
Harrison H. George	do	Feb. 23, 1898	1,200	18.00
Do.	Inspector	Mar. 1, 1901	1,400	
John S. Grove	Assistant inspector	Apr. 10, 1899	1,200	1,200.00
Harry J. Hammond	do	Aug. 23, 1900	1,200	674.74
David C. Hanawalt	do	Mar. 1, 1900	1,200	997.26
Arthur C. Hart	do	June 1, 1900	1,200	101.10
Dani. S. Hays	do	Dec. 1, 1899	1,200	353.33
Robert Jay	do	Mar. 25, 1901	1,200	323.33
Raymond Johnson	do	Aug. 1, 1899	1,200	192.40
Jos. S. Keane	do	July 18, 1900	1,200	300.00
David O. Knisely	do	Aug. 23, 1900	1,200	280.42
Wm. F. Lavery	do	Feb. 15, 1900	1,200	546.70
Russell G. Lawton	do	Dec. 1, 1898	1,200	401.10
Chas. A. McCall	do	Apr. 1, 1901	1,200	1,196.70
Louis Metsker	do	Sept. 1, 1899	1,200	300.00
Wesley N. Neil	do	Oct. 16, 1899	1,200	202.20
Isaac W. O'Rourke	do	June 1, 1900	1,200	1,200.00
Jas. L. Otterman	do	Aug. 18, 1898	1,200	1,196.73
Walter E. Pick	do	May 23, 1901	1,200	1,200.00
Thos. W. Scott	do	Apr. 10, 1900	1,200	128.57
Nathl. B. Smith	do	June 15, 1900	1,200	1,200.00
A. W. Swedberg	do	Dec. 10, 1895	1,200	1,200.00
R. H. Thomas	do	Dec. 15, 1900	1,200	1,186.77
Norris L. Townsend	do	June 15, 1900	1,200	655.43
S. Stewart	Microscopist	July 1, 1893	1,400	1,193.41
I. N. Vance	Clerk	Feb. 1, 1896	900	308.08
John S. Biggs	do	July 1, 1899	900	900.00
Do.	do	Nov. 15, 1900	840	806.89
Hiram G. Herrick	do	Mar. 25, 1898	840	
Do.	do	Nov. 13, 1900	900	872.81
Geo. D. Young	do	Mar. 16, 1898	840	
Do.	do	Nov. 15, 1900	900	858.25
Thos. A. Scott	do	Mar. 10, 1898	840	
Do.	do	Sept. 15, 1900	1,000	217.04
Charles Adams	Stock examiner	May 1, 1896	900	
E. W. Bell	do	Feb. 1, 1898	900	831.48
C. E. Blackmar	do	May 1, 1896	900	900.00
Wm. Burgess	do	Aug. 1, 1898	900	895.07
Oliver W. Byrd	do	Feb. 12, 1894	900	880.42
Geo. T. Cathel	do	Nov. 15, 1894	900	900.00
J. D. Cooper	do	May 16, 1895	900	900.00
Josiah D. Flora	do	June 17, 1895	900	900.00
Geo. A. Franklin	do	Oct. 1, 1893	900	900.00
Harry D. Freeman	do	Feb. 15, 1894	900	900.00
Washington Gobbie	do		900	900.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
<i>Kansas City, Kans. and Mo.—</i>								
Continued								
R. E. L. Jackson	Stock examiner	Nov. 19, 1894			\$900		\$900.00	
John L. Lobb	do	May 1, 1894			900		897.52	
M. J. Madden	do	May 1, 1896			900		897.50	
Porter J. Morgan	do	May 7, 1894			900		897.57	
J. H. Richardson	do	May 3, 1894			900		900.00	
Chas. W. Rowse	do	Nov. 11, 1895			900		900.00	
Morey Sappington	do	Aug. 1, 1898			900		900.00	
Sam'l W. Smith	do	May 1, 1896			900		900.00	
A. E. Wagner	do	May 1, 1894			900		847.44	
Larkin S. Campbell	Tagger	Nov. 17, 1898			720			
Do.	Stock examiner	Feb. 1, 1901			900		728.93	
Bern'd. Cunningham	Tagger	Dec. 15, 1893			720		600.10	
Ernest D. Everett	do	Oct. 10, 1900			720		512.66	
Albert Fowkes, sr	do	Aug. 18, 1897			720		720.00	
Wm. B. Garlick	do	Aug. 1, 1897			720		720.00	
John E. Hart	do	Oct. 15, 1897			720		720.00	
A. J. Henley	do	May 1, 1895			720		700.30	
August Jost	do	Aug. 18, 1897			720		720.00	
Harrison H. Knox	do	Nov. 1, 1897			720		712.13	
E. E. Laird	do	Sept. 15, 1897			720		532.00	
Milton C. Lint	do	Aug. 8, 1898			720		733.90	
Do.	Stock examiner	Feb. 1, 1901			900		720.00	
Dan'l S. Platt	Tagger	Jan. 22, 1894			720		855.00	
T. A. McLeland	do	Aug. 1, 1897			720			
Do.	Stock examiner	Oct. 1, 1900			900		694.61	
H. R. McNally	Tagger	Nov. 15, 1898			720			
Do.	Stock examiner	Feb. 1, 1901			900		853.74	
Henry Morley	Tagger	Aug. 1, 1897			720		715.16	
Do.	Stock examiner	Oct. 1, 1900			900			
Thomas B. Rea	Tagger	May 24, 1900			720		733.58	
Wm. H. Saunders	do	Apr. 11, 1898			720			
Do.	Stock examiner	Feb. 1, 1901			900		720.00	
J. W. Shannon	Tagger	Feb. 1, 1894			720		710.27	
Jas. R. Stafford	do	Feb. 7, 1898			720		720.00	
Jas. M. Steel	do	Aug. 1, 1897			720		720.00	
Orville A. Stingley	do	Jan. 16, 1899			720		720.00	
Thos. R. Taylor	do	Oct. 10, 1900			720		506.79	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
South Omaha, Nebr.—Cont'd.									
J. Otis Jacobs	Assistant inspector	July 1, 1898			\$1,200		\$101.10		
Ira C. Mattatall	do	May 23, 1900			1,200		128.57		
Arthur W. Miller	do	May 23, 1901			1,200		128.57		
Aquila Mitchell	do	Jan. 10, 1900	July 28, 1900		1,200		91.30		
B. W. Murphy, jr.	do	Nov. 11, 1899			1,200		900.00		
Frank E. Murray	do	June 1, 1900			1,200		1,200.00		
Robt. A. Ramsay	do	Feb. 18, 1899			1,200		498.90		
Burton R. Rogers	do	June 1, 1900			1,200		300.00		
Hugh M. Rowe	do	Dec. 15, 1898			1,200		101.10		
Chas. E. Steel	do	Aug. 1, 1899	Jan. 24, 1901		1,200		202.23		
Wm. A. Thomas	do	Sept. 15, 1900			1,200		737.44		
Thomas White	do	Aug. 23, 1900			1,200		981.00		
Geo. R. Young	do	July 1, 1900	Dec. 15, 1900		1,200		524.99		
C. O. Goodpasture	Clerk	Jan. 1, 1900			1,400		26.92		
Chas. Conoyer	do	Jan. 16, 1897			1,000		1,000.00		
Phelps Paine	do	July 1, 1900			1,000		972.29		
Jay E. Williams	do	Mar. 10, 1898			840		491.18		
Do	do	Mar. 16, 1901	Mar. 31, 1901		900		\$4.15		
Dec N. Chase	Stock examiner	July 15, 1898			900		900.00		
J. W. Davis	do	Jan. 1, 1894			900		900.00		
W. K. Jacobs	do	June 27, 1895			900		895.12		
Frank Jelen	do	Apr. 1, 1895			900		900.00		
Thos. J. Lowrey	do	Mar. 25, 1895			900		900.00		
Jay Merrill	do	Jan. 1, 1894			900		892.63		
do	do	do			900		900.00		
Jacob I. Payne	do	July 25, 1898			900		897.58		
Stephen Roberts	do	Aug. 1, 1897			720		674.00		
T. J. Alexander	Tagger	Dec. 1, 1898			720		704.29		
Jos. G. Beattie	do	May 1, 1898			720		720.00		
John T. Blair	do	July 18, 1898			720				
Edw. A. Bundy	do	Feb. 1, 1901			900		772.22		
Do	do	May 16, 1893			720				
Stock examiner	do	Dec. 1, 1898			720		716.10		
Jacob Burkard	Tagger	Aug. 4, 1897			720		597.40		
Chas. E. Campbell	do	June 1, 1897			720		720.00		
Jas. Condon	do	Aug. 1, 1897			720		720.00		
W. W. Crandall	do	Aug. 1, 1897			720		718.00		
Reuben Forbes	do	Feb. 10, 1898			720		658.60		
Elias Gilmore	do								

M. T. Hascall	do	Dec. 1, 1898	720	481.20	
O. W. Helvey	do	do	720	720.00	
Ira F. Kneel	do	July 18, 1898	720	613.10	
Do	do	Feb. 1, 1901	900		
Anton Kostal	Stock examiner	May 16, 1893	720	720.00	
James Kunes	Tagger	do	720	58.70	
Thos. Leddy	do	Feb. 15, 1895	720	589.20	
John McCann	do	June 27, 1895	720	720.00	
R. M. Maliana	do	June 1, 1895	720	619.08	
R. G. Merrill	do	June 10, 1898	720	59.30	4.00
Arthur E. Miller	do	May 10, 1899	720	720.00	
John B. Payton	do	July 16, 1897	720	583.40	
Chris M. Raff	do	Mar. 9, 1898	720	478.00	
Isiah Richards	do	Dec. 1, 1898	720	532.84	
Saml. A. Risley	do	Oct. 1, 1898	720	720.00	
Jas. T. Robertson	do	Nov. 1, 1897	720	720.00	
Cecil K. Schafer	do	Apr. 1, 1898	720	794.50	
Do	do	Feb. 1, 1901	900		
Martin J. Schafer	Stock examiner	Apr. 2, 1900	720	121.20	
L. Schilsby	Tagger	Aug. 31, 1900	720	536.14	
Chas. S. Seranton	do	Nov. 6, 1893	720	501.40	
Geo. H. Schroeder	do	July 18, 1898	720	600.70	
Floyd W. Schatzell	do	Aug. 1, 1898	720	720.00	
Harry A. Schatzell	do	Jan. 2, 1899	720	720.00	
Alfred J. Smith	do	Aug. 4, 1897	720	720.00	
Do	do	Apr. 15, 1898	720	754.92	
Philip Smith	Stock examiner	Feb. 1, 1901	900		
Clemens G. Sutton	Tagger	May 22, 1893	720	717.94	
Saml. I. Valentine	do	June 17, 1901	720	27.69	
Henry C. Williams	do	Oct. 16, 1894	720	720.00	
Do	do	Apr. 1, 1898	720	794.50	
J. O. Eastman	Stock examiner	Feb. 1, 1901	900	500.00	
Don C. Ayer	Laborer	July 1, 1897			\$165.00
Don W. Patton	do				15.00
Nebraska Telephone Co	do				54.00
L. Berger	do				5.30
Frontier Towel Supply Co	do				6.76
J. S. Stott	do				3.60
Pacific Express Co	do				3.30
<i>Sioux City, Iowa.</i>					
Wm. Thompson	Inspector	Apr. 1, 1898	1,400	1,491.64	44.92
Do	do	Jan. 16, 1901	1,600		
Geo. A. Johnson	do	June 1, 1900	1,400	820.60	
Henry C. Babcock	Assistant inspector	July 1, 1900	1,200	984.61	4.75
Nelson V. Boyce	do	June 1, 1900	1,200	1,200.00	
Frank C. Eells	do	Mar. 1, 1898	1,200	120.67	
Wm. F. Lavery	do	Aug. 23, 1900	1,200	408.76	
Henry Roome	do	Sept. 25, 1899	1,200	1,200.00	
Geo. W. Clark	Clerk	Mar. 1, 1898	900	885.34	
Chas. J. Chamberlin	Stock examiner	Jan. 1, 1899	900	900.00	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Sioux City, Iowa—Cont'd.									
Donald McDonald	Stock examiner	Feb. 1, 1896			\$900		\$897.50		
D. A. Winnie	do	Jan. 1, 1899			900		900.00		
Thos. G. Cowgill	Tagger	May 9, 1898			720		540.00		
Wm. E. Hall	do	Dec. 1, 1899			720		422.00		
Myron H. Kling	do	Dec. 15, 1898			720		602.00		
Jas. McDonald	do	June 17, 1901			720		21.76		
Geo. H. Robinson	do	Nov. 10, 1899	June 8, 1901		720		660.70		
Wm. P. Sternberg	do	Feb. 20, 1901			720		178.35		
Henry D. Osborne	Laborer	Mar. 21, 1898		\$2.00			142.00		
Iowa Telephone Co.						Telephone rental,			\$41.75
Kansas City, St. Joseph and Council Bluffs R. R.						Transportation, H. C. Babcock.		\$8.66	
Sioux City and Pacific Rwy.						Freight on chairs			1.06
Boston, Mass.									
James Johnston	Inspector	June 1, 1900			1,400		1,400.00		
Edgar A. Crossman	Assistant inspector	July 1, 1900			1,200		1,196.73		
Wm. Eckl	do	Dec. 27, 1900	Dec. 28, 1900		1,200		6.52		
A. C. Fitzpatrick	do	Aug. 23, 1900			1,200		997.80		
Dani. S. Hays	do	Dec. 1, 1899			1,200		546.70	14.05	
Jno. A. Kiernan	do	Nov. 10, 1896			1,200		1,358.72		
Do.	Inspector	Sept. 15, 1900			1,400		202.20		
Alfred F. Martins	Assistant inspector	Mar. 1, 1898			1,200		1,200.00		
Geo. B. Morse	do	Aug. 15, 1899			1,200				
Patk. H. Muldowney	do	Jan. 17, 1898			1,200		1,294.40		
Do.	Inspector	Jan. 11, 1901			1,400		600.00		
Chas. F. Palmer	Assistant inspector	Oct. 16, 1899			1,200		1,196.73		
Alex. E. Wight	do	Dec. 15, 1898			1,200		1,000.00		
Cyrus K. Small	Clerk	Oct. 1, 1899			1,000		824.20		
Wm. P. Cherrington	Stock examiner	Dec. 1, 1894			900		890.08		
Philip J. Fanning	do	Feb. 1, 1896			900		897.57		
Geo. D. Warner	do	July 1, 1898			900		720.00		
Alfred L. Bailey	Tagger	Jan. 18, 1900			720		69.19		
Wm. A. Baldwin	do	May 27, 1901			720		720.00		
Winfield E. Berry	do	June 1, 1899			720				
Frank N. Brown	do	Jan. 8, 1896			720		720.00		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Cleveland, Ohio—Cont'd.									
Simon Kacher	Tagger	July 1, 1893	Nov. 6, 1900		\$720		\$197.61		
Jno. D. Shannon	do	Nov. 6, 1893			720		600.60		
Louis N. Stumpf	do	June 16, 1893			720		720.00		
Jos. E. Sawtell	do	Apr. 1, 1901			720		180.00		
Isabella Lacey	Laborer	May 29, 1896		\$50.00			128.29		
Indianapolis, Ind.									
Niels C. Sorensen	Inspector	Apr. 1, 1898			1,400		1,288.07	\$60.56	
Do	do	Jan. 16, 1901			1,600			9.30	
T. L. Armstrong	do	May 1, 1897			1,400		1,318.59		
Chas. H. Canfield	do	Apr. 1, 1901			1,400		350.00	\$18.40	
O. W. Snyder	do	June 1, 1900			1,400		350.00	18.55	
Robert Darling	Assistant inspector	Dec. 13, 1897			1,200		944.40		
Do	Inspector	Jan. 11, 1901			1,400				
Tait Butler	Assistant inspector	June 20, 1899	Dec. 10, 1900		1,200		300.00		
Sam'l. G. Hendren	do	Mar. 4, 1898			1,200		693.33		
Jno. B. Hollenbeck	do	June 25, 1900			1,200		1,188.57		
Jos. S. Keane	do	July 20, 1898			1,200		898.36		
Jas. C. Keely	do	Mar. 1, 1898			1,200		1,200.00		
C. F. Palmer	do	Oct. 16, 1899			1,200		600.00	30.15	
Geo. E. Totten	do	July 14, 1899			1,200		880.38		
Robt. Turnbull	do	Feb. 21, 1900			1,200		1,200.00		
Harry K. Walter	do	Jan. 15, 1900			1,200		1,200.00		
Chas. Bartholomew	Stock examiner	Sept. 1, 1898	June 14, 1901		900		857.92		
Jacob Fox	do	Jan. 1, 1894			900		897.57		
Geo. W. Koontz	do	Feb. 19, 1894			900		897.50		
Jas. W. Wampler	do	Jan. 1, 1894			900		897.50		
John H. Carroll	Clerk	May 4, 1899			840				
Do	do	Jan. 16, 1901			900		867.50		
Martin P. Grady	do	Oct. 1, 1898					840.00		
Geo. S. Jones	do	Mar. 10, 1898			840		836.65		
Wm. A. Skinner	Tagger	Nov. 18, 1895			720		720.00		
S. S. Sowers	do	Nov. 21, 1898			720		600.60		
L. V. Stafford	do	Oct. 1, 1898	Apr. 14, 1901		720		567.69		
Willard H. Treat	do	July 14, 1899			720		586.96		
Joseph Foppiano	Laborer	Jan. 21, 1899		2.00			612.00		

New Telephone Co.			Central Union Telephone Co.			Belt R. R. and Stock Yards Co.			Telephone rental			Office rent			Traveling expenses			40.00 36.00 120.00		
<i>Detroit, Mich.</i>																				
Louis K. Green	Inspector	May 1, 1900	1,400																	
Harry C. Jacobs	Tagger	May 10, 1899	720																	
Jos. M. Sommer	do	Oct. 1, 1896	720																	
Anthony Fleishaus	Laborer	Oct. 30, 1900																		
Wm. H. Kellogg	do	Dec. 18, 1900																		
Ford Williamson	do	Oct. 30, 1900																		
Louis A. Robinson	do																			
<i>National Stock Yards, Ill.</i>																				
J. J. Brougham	Inspector	July 1, 1896	1,600																	
Do	do	Dec. 15, 1900	1,800																	
Henry E. Brown	Assistant Inspector	Sept. 1, 1899	1,200																	
Clinton H. Bugbee	do	June 15, 1900	1,200																	
Ernest J. Foreman	do	Aug. 1, 1900	1,200																	
Roy E. Jackson	do	June 15, 1900	1,200																	
Robt. L. Kelly	do	Sept. 7, 1897	1,200																	
Do	do	Dec. 1, 1900	1,400																	
Willis H. Meadors	Inspector	June 1, 1900	1,200																	
Robt. J. Morrison	Assistant Inspector	Feb. 21, 1900	1,200																	
Geo. D. Painter	do	June 18, 1901	1,200																	
Jno. O. F. Price	do	Aug. 1, 1899	1,200																	
Alexander C. Walls	do	Aug. 1, 1900	1,200																	
John G. Slee	do	Apr. 14, 1897	1,200																	
Wm. S. Crawford	Clerk	May 1, 1895	900																	
Arthur H. Bibb	Stock examiner	May 1, 1896	900																	
A. R. Bruton	do	Feb. 15, 1895	900																	
Wm. T. Flynn	do	Jan. 1, 1894	900																	
David R. Hodges	do	Sept. 1, 1896	900																	
Frank O'Neill	do	July 18, 1898	900																	
Geo. Sutherland	do	Nov. 12, 1894	900																	
E. S. Bennett	Tagger	Feb. 15, 1895	720																	
Clement Bevelot	do	Dec. 1, 1893	720																	
Joseph G. Carr	do	Feb. 15, 1895	720																	
Jas. W. Chowning	do	Dec. 1, 1898	720																	
Wm. J. Doyle	do	Feb. 15, 1895	720																	
Hugo Elbring	do	Nov. 10, 1899	720																	
Jno. E. First	do	Mar. 4, 1901	720																	
Robert Gray	do	June 24, 1895	720																	
Edw. C. Lauck	do	Oct. 12, 1898	720																	
Edw. O. Speake	do	Apr. 1, 1898	720																	
Edw. M. Smith	do	July 18, 1898	720																	
Do	Clerk	Jan. 10, 1901	840																	

a Per month.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
National Stock Yards, Ill.—Continued.								
Jos. Sullivan	Tagger	Feb. 15, 1895			\$720		\$717.94	
St. Louis Natl. Stock Yards.							Office rent	\$300.00
Ernest J. Foreman							Street-car fares and toll	47.65
Nebraska City, Nebr.								
W. H. Gibbs	Inspector	Sept. 1, 1893			1,200		723.30	
F. A. Dammann	Tagger	June 10, 1895			720		254.00	\$4.60
New York, N. Y.								
R. W. Hickman	Inspector	Sept. 1, 1893			2,000		668.50	16.56
Harry N. Waller	do	Apr. 1, 1898			1,400			
do	do	Sept. 15, 1900			1,600			
do	do	Nov. 15, 1900			1,800		1,190.19	18.15
Louis Abel	do	July 1, 1900			1,400		1,400.00	
Geo. W. Browning	Assistant inspector	Apr. 5, 1900			1,200		401.10	
Emerson J. Cary	do	June 1, 1900			1,200		1,200.00	
Jno. D. De Ronde	do	Oct. 1, 1900			1,200		900.00	
Jno. Wm. Fink	do	July 1, 1900			1,200		300.00	
Moses Jacob	do	June 12, 1900	Oct. 19, 1900		1,200		316.33	
John B. Hopper	do	Mar. 15, 1898			1,200		1,200.00	
Wm. R. Hytes	do	June 1, 1900			1,200		854.33	
John V. Ladley	do	Mar. 1, 1898			1,200		1,250.00	
do	Inspector	Apr. 1, 1901			1,400			
Russell G. Lawton	Assistant inspector	Feb. 15, 1900			1,200		798.90	
Jno. W. Montague	do	Mar. 25, 1901			1,200		323.33	
Fredk. L. Stevens	do	July 10, 1899			1,200		1,200.00	
Jos. Thackaberry	do	Apr. 20, 1899			1,200		1,200.00	
A. H. Wallace	do	Feb. 23, 1899			1,200		1,200.00	
Ephm. Dietrich	Clerk	July 1, 1900			1,200		1,180.42	
W. A. Willard	do	Sept. 1, 1893			1,200		1,167.03	
Hiram Jerome	Stock examiner	Oct. 12, 1897			900		900.00	
Henry Schauer	do	Dec. 9, 1895			900		805.71	
John L. Burgess	Tagger	May 1, 1900			720		720.00	
J. F. Butterfass	do	Mar. 2, 1896			720		720.00	

Wallace M. Gill.....	do	Apr. 25, 1901	June 29, 1896	Feb. 1, 1896	720	580.70		
Frank J. Gilmore.....	do		Feb. 1, 1896	Feb. 1, 1896	720	472.00		
Fred. J. Goebel.....	do		Sept. 7, 1891	Sept. 7, 1891	720	720.00		
Jno. J. Haggerty.....	do		Mar. 2, 1896	Mar. 2, 1896	720	720.00		
Edw. P. Hogan.....	do		Feb. 12, 1901	Feb. 12, 1901	720	242.00		
Jas. E. Lovejoy.....	do		Mar. 1, 1900	Mar. 1, 1900	720	720.00		
Jno. F. Luepke.....	do		May 23, 1895	May 23, 1895	720	720.00		
Jno. C. Oren.....	do		Jan. 2, 1900	Jan. 2, 1900	720	720.00		
Frank D. Owen.....	do		Feb. 1, 1900	Feb. 1, 1900	720	720.00		
Jos. Pfeiffer.....	do		Feb. 15, 1900	Feb. 15, 1900	720	387.57		
Jno. B. Roberts.....	do		Mar. 10, 1900	Mar. 10, 1900	720	720.00		
Henry Schopp.....	do		Sept. 15, 1893	Sept. 15, 1893	720	720.00		
Stephen A. Selby.....	do		Dec. 2, 1895	Dec. 2, 1895	720	720.00		
Ernest F. Slater, Jr.....	do	Mar. 6, 1901	Dec. 7, 1898	Dec. 7, 1898	720	60.60		
C. P. Staines.....	do		Sept. 20, 1900	Sept. 20, 1900	720	120.70	30.75	
H. F. R. Workheiser.....	do		June 26, 1899	June 26, 1899	720	720.00		
Emil Balzer.....	Microscopist.		Mar. 15, 1899	Mar. 15, 1899	1,200	1,208.24		
Do.....	do		June 17, 1901	June 17, 1901	1,400			
A. H. Richards.....	Assistant microscopist.		Mar. 1, 1895	Mar. 1, 1895	600	550.50		
Do.....	Microscopist.		June 1, 1901	June 1, 1901				
Richman Coles.....	Laborer.		Apr. 25, 1900	Apr. 25, 1900				
Do.....	do		Feb. 16, 1901	Feb. 16, 1901		706.50		
Barret H. Adams et al.....								480.00
New York Telephone Co.....								79.30
Ephraim Dietrich.....								31.83
Hiram Jerome.....								24.20
Merchants' Union Ice Co.....								6.08
American Felt Co.....								4.95
<i>Philadelphia, Pa.</i>								
Chas. A. Schaulfer.....	Inspector		Sept. 1, 1893	Sept. 1, 1893	1,600	1,700.00		82.65
Do.....	do		Jan. 1, 1901	Jan. 1, 1901	1,800	1,200.00		
James Beatty.....	Assistant inspector		Feb. 23, 1899	Feb. 23, 1899	1,200	1,200.00		
Henry S. Christy.....	do		Sept. 21, 1900	Sept. 21, 1900	1,200	143.49		
Louis A. Klein.....	do	Mar. 20, 1901	Apr. 1, 1898	Apr. 1, 1898	1,200	241.33		
Richd. W. Hewett.....	do		Feb. 8, 1899	Feb. 8, 1899	1,200	403.30	4.52	
Chas. J. Bigley.....	Clerk.		Jan. 1, 1900	Jan. 1, 1900	900	900.00		
Geo. B. Wright.....	Stock examiner		Jan. 1, 1897	Jan. 1, 1897	900	874.29		
Florence E. Carlton.....	Tagger		Mar. 6, 1901	Mar. 6, 1901	720	190.22		
Jno. C. Collahan.....	do		Oct. 1, 1895	Oct. 1, 1895	720	630.37		
A. N. Pepperman.....	do		Jan. 23, 1896	Jan. 23, 1896	720	720.00		
Thomas Reid.....	do		Jan. 1, 1893	Jan. 1, 1893	720	719.08		
Matt. Robinson.....	do		Jan. 1, 1897	Jan. 1, 1897	720	720.00		
Wm. T. Tippet.....	do		Dec. 2, 1895	Dec. 2, 1895	720	720.00		
Chas. A. Schaulfer.....	do							120.00
The Bell Telephone Co. of Philadelphia.....								80.00
Chicago, Milwaukee and St. Paul Ry. Co.,								
							20.80	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
Pittsburg, Pa.								
Benj. Howes	Inspector	Feb. 1, 1901			\$1,400		\$350.00	
F. W. Ainsworth	Assistant inspector	Feb. 7, 1898			1,200		300.00	\$1.60
Do.	Inspector	Nov. 15, 1900			1,400			
Howard L. Bollinger	Tagger	May 15, 1900			720		659.40	
Sidney W. Jones	do	July 20, 1898			720		479.30	
Morton Magee	do	Nov. 11, 1898			720		718.06	
Harry N. Waller	do					Street-car fares		3.75
South St. Joseph, Mo.								
John Forbes	Inspector	Sept. 1, 1898			1,600		1,600.00	21.25
J. E. Blackwell	do	Aug. 1, 1893			1,400		1,400.00	
Harry G. Moore	do	June 1, 1900			1,400		1,280.73	
James Wilson	do	do			1,400		1,281.96	
Geo. A. Bond	Assistant inspector	Feb. 24, 1898			1,200		1,229.85	
Do.	Inspector	Mar. 1, 1901			1,400		600.00	
Joseph M. Good	Assistant inspector	Feb. 23, 1899			1,200		323.33	
Wm. E. Day	do	Mar. 25, 1901			1,200		1,000.00	\$4.40
Arthur C. Hart	do	June 1, 1900			1,200		403.30	3.40
Raymond Johnson	do	Aug. 1, 1899			1,200		1,200.00	
F. C. McCurdy	do	Apr. 1, 1898			1,200		1,020.56	
Chas. J. Morrow	do	Aug. 23, 1900			1,200		98.90	
B. W. Murphy, jr.	do	Nov. 11, 1899			1,200		688.03	5.20
Jos. W. Parker	do	June 12, 1900			1,200		98.90	
Milton T. Perry	do	May 23, 1901			1,200		883.47	
Thos. H. Ripley	do	July 20, 1898			1,200		128.57	
Silas L. Shaw	do	May 23, 1901			1,200		1,196.77	
John A. Sloan	do	June 20, 1899			1,200		481.32	9.05
Chas. E. Steel	do	Aug. 1, 1899			1,200		796.70	
H. J. Washburn	do	May 23, 1898	June 24, 1901		1,200		1,233.50	
John B. Wright	do	Apr. 18, 1898			1,200		835.90	
Do.	Inspector	May 1, 1901			1,400		900.00	
Frank A. Ewing	Stock examiner	May 1, 1894			900		630.00	5.98
Clayton E. Moss	do	Sept. 1, 1898			900		225.98	
Wm. E. Mowrer	Clerk	May 1, 1900			840		700.48	
Edw. J. Newmyer	do	Feb. 21, 1900			840			
Walter D. Benton	Tagger	Apr. 15, 1898			720			
Do.	Stock examiner	Feb. 1, 1901			900			

Danl. J. Mangan	Assistant inspector.	Dec. 10, 1900	1,200	671.74		
Immanuel Due	Clerk	Mar. 2, 1896	900	900.00		
F. A. Fahrenbach	Tagger	Sept. 20, 1900	720	561.52		
Geo. J. Hoerner	do	May 1, 1896	720	720.00		
Jno. Purcell, jr.	do	Sept. 1, 1893	720	720.00		
Thomas Shea	do	July 17, 1893	720	720.00		
<i>Lincoln, Nebr.</i>						
Saml. E. Cosford	Inspector	May 1, 1900	1,400	1,400.00	5.84	
Russell G. Merrill	Tagger	June 10, 1898	720	660.70		214.19
Saml. E. Cosford						
<i>South St. Paul, Minn.</i>						
Frank D. Ketchum	Inspector	July 1, 1899	1,400	1,400.00		5.24
M. O. Anderson	Assistant inspector.	Mar. 9, 1898	1,200	596.73		
George T. Irons	do	Apr. 18, 1899	1,200	1,200.00		
Rolla N. Mead	do	Apr. 23, 1900	1,200	1,200.00		
Danl. G. Shumway	do	Apr. 12, 1899	1,200	1,160.86		
Morris C. Wylie	do	Jan. 2, 1901	1,200	596.70		
John Jacobson	Stock examiner	Jan. 1, 1899	900	877.77		
Thos. M. Libby	do	Oct. 1, 1895	900	895.02		
Burr Allen	Tagger	July 18, 1898	720	772.63		
Do	Clerk	Jan. 16, 1901	840			
Walter A. Forbes	Tagger	Apr. 1, 1901	720	162.24		
Harry S. Newlove	do	Jan. 1, 1897	720	241.33		
Calvin W. von Dorn	do	Apr. 1, 1898	720	715.98		80.00
Frank D. Ketchum						
<i>Los Angeles, Cal.</i>						
Charles Keane	Assistant inspector	Dec. 1, 1897	1,200	1,391.88		14.55
Do	Inspector	July 16, 1900	1,400			
Wm. R. Dennis	Stock examiner.	Nov. 10, 1896	900	825.80		
John F. Nelson	do	Feb. 15, 1896	900	74.20	4.35	
Arthur J. O'Rourke	do	Nov. 10, 1896	900	900.00		
M. J. P. Nolte	Tagger	July 1, 1896	720	720.00		
Edw. E. Stephens	do	Dec. 9, 1896	720	720.00		
Edw. L. Wells	do	July 1, 1900	720	61.40		
George L. Pierce	Laborer			36.00		300.00
Charles Keane					15.00	
The Southern Pacific Co						
<i>San Francisco, Cal.</i>						
George S. Baker	Inspector	Nov. 1, 1896	1,600	1,600.00		
Jno. J. Borden	Stock examiner	Mar. 2, 1896	900	74.20		
Ambrose McSweeney	do	Feb. 15, 1896	900	900.00		
John E. Munn	do	Jan. 1, 1897	900	824.20	14.80	
John F. Nelson	do	Feb. 15, 1896	900	814.55	18.00	
John H. Webster	Tagger	Mar. 2, 1896	720	720.00		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per an- num.	Miscellaneous items.	Salaries.	Travel- ing.	Miscolla- neous.
MEAT INSPECTION—cont'd.								
San Francisco, Cal.—Cont'd.								
O. B. Hess						Traveling expenses		\$21.00
Northern Pacific Rwy. Co						Transportation, Munn		4.35
George S. Baker						St. car fares and misc. exp.		\$65.70
The Southern Pacific Co						Transportation, J. E. Munn		20.00
Louisville, Ky.								
Thomas J. Turner	Inspector	Jan. 1, 1897			\$1,400		\$1,400.00	82.04
John J. Hayes	Assistant inspector	Apr. 10, 1901			1,200		1,270.33	
Herbert M. Smith	do	Mar. 1, 1899			1,200		1,200.00	
W. T. Sparhawk	do	Feb. 21, 1900			1,200		1,200.00	
D. R. Alton	Stock examiner	Jan. 1, 1901			900		427.50	
Geo. H. Woolfolk	do	Mar. 2, 1896			900		900.00	
Jas. W. Clowning	Tagger	Dec. 1, 1898			720		242.00	
Hogan Gaines	do	Apr. 1, 1898			720		794.50	
Do	Stock examiner	Feb. 1, 1901			900			
Albert E. Harries.	Tagger	May 1, 1896			720		281.33	
Do	Clerk	Mar. 4, 1901			840		306.00	
James L. King	Tagger	Jan. 28, 1901			720		20.00	
Frank B. Seimer	do	do	Feb. 15, 1901		720	Office rent		120.00
Bourbon Stock Yard Co						Oak desk		22.50
Fred W. Keisker & Son						Oak chair		5.75
Wm. F. Mayer								
Portland, Oreg.								
E. N. Hutchinson	Inspector	May 1, 1900			1,400		1,400.00	134.95
Chas. W. Deming	Assistant inspector	June 1, 1901			1,200		98.90	
Clarence Lovelberry	do	Feb. 21, 1901			1,200		225.03	
Howard D. Elbey	Tagger	Feb. 15, 1896			720		720.00	
Wm. R. Sutter	do	June 5, 1899			720		660.70	
Geo. J. Coleman	Laborer	Dec. 1, 1898			\$2.00		548.00	
Eau Claire, Wis.								
Orrin W. Snyder	Inspector	June 1, 1900			1,400		1,050.00	176.77
George W. Butler	Assistant inspector	June 27, 1899			1,200		300.00	60.00
								41.13

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
Marshalltown, Iowa.								
Ira K. Atherton	Inspector	Sept. 1, 1898			\$1,400		\$1,400.00	
Willard A. Savage	do	Apr. 1, 1901			1,400		57.69	\$30.70
James Kunes	Tagger	May 16, 1893			720		106.64	8.00
W D. Mills	Laborer	Sept. 18, 1900		\$2.50			595.00	
B. W. Murphy, jr							Traveling expenses	25.30
David C. Wilbur							Kitchen cupboard	10.00
New Haven, Conn.								
Nathan K. Fegley	Inspector	July 1, 1900			1,400		932.10	5.50
E. L. Volgenau	do	Oct. 1, 1899			1,400		532.60	
Jno. L. Atchison	Tagger	July 1, 1900			720		720.00	
Archd. McBride							Traveling expenses	20.90
Quincy, Ill.								
Arthur B. Morse	Inspector	May 19, 1895			1,400		11.67	33.19
James S. Kelly	Assistant inspector	Apr. 1, 1897			1,200		1,391.88	
Do	Inspector	July 16, 1900			1,400		300.00	1.80
Danl. S. Hays	Assistant inspector	Dec. 1, 1899			1,200		150.80	
Norman R. Adams	Stock examiner	Nov. 1, 1895			900		144.20	12.10
Archd. L. Faunce	Tagger	Oct. 6, 1898			720		720.00	
Do	Stock examiner	Mar. 16, 1901			900		83.52	
John E. Feighner	Tagger	Dec. 12, 1899			720		5.87	
Arthur Sherman	do	Dec. 20, 1900			720		Traveling expenses	36.35
C. W. Stackhouse	do	Oct. 25, 1900		Nov. 24, 1900	720		do	32.85
W. C. Stegmund								
Chester Miller								
Leavenworth, Kans.								
John C. Milnes	Inspector	Jan. 1, 1899			1,400		239.02	4.00
Do	do	May 24, 1901			1,600		1,050.00	
Elwin T. Davison	do	July 1, 1900			1,400		115.40	1.20
Frank B. McCall	do	Sept. 15, 1900			1,400		370.10	2.25
Edw. L. Wells	Tagger	July 1, 1900			720			
Wm. Yenner	do	May 20, 1898			720		197.50	
Do	Stock examiner	Feb. 1, 1901			900			

<i>Seattle, Wash.</i>	Frank T. Shannon	Inspector	Sept. 1, 1898	1,400	929.40	2.15
	Clarence Loveberry	Assistant inspector	Feb. 21, 1901	1,200	429.97	3.45
	John J. Borden	Stock examiner	Mar. 2, 1896	720	825.80	---
	Wm. R. Sutter	Tagger	June 5, 1899	720	59.30	---
	O. B. Hess				Traveling expenses	2.95
<i>Waterloo, Iowa.</i>	L. Enos Day	Assistant inspector	Apr. 15, 1897	1,200	1,391.88	6.40
	Do	Inspector	July 16, 1900	1,400	---	---
	Llewellyn C. Atkins	Tagger	Feb. 1, 1898	720	720.00	---
	Willard A. Savage				Traveling expenses	18.50
	George Johnson				do	38.60
	O. G. Atherton				do	22.65
	Schiel & Corson				Stove	15.25
	The Waterloo Furniture and Carpet Co.				Chairs, stand, and wringer	8.00
<i>Worcester, Mass.</i>	Wangler Bros				Copying press	4.60
	Edw. P. Dowd	Inspector	Jan. 1, 1899	1,400	1,400.00	.60
	Henry Leland	Tagger	Feb. 1, 1898	720	720.00	---

<i>Newark, N. J.</i>	Sam'l G. Hendron	Assistant inspector	Mar. 4, 1898	1,200	574.00	9.90
	Do	Inspector	Mar. 1, 1901	1,400	---	---
	Edw. P. Hogan	Tagger	Feb. 12, 1901	720	34.00	---

<i>Dayton, Ohio.</i>	Joseph M. Good	Assistant inspector	Feb. 23, 1899	1,200	496.70	3.05
	Henry M. Edsall	Tagger	Feb. 13, 1901	720	262.00	4.66
	Star Union Line				Freight on furniture	---

<i>Des Moines, Iowa.</i>	Arthur B. Morse	Inspector	May 19, 1895	1,400	234.60	.85

<i>Wichita, Kans.</i>	John C. Milnes	Inspector	Jan. 1, 1899	1,400	131.90	---
	Do	do	May 24, 1901	1,600	---	---
	W. C. Barth	do	Sept. 1, 1898	1,400	1,284.60	49.65
	F. L. De Wolf	do	June 1, 1900	1,400	579.40	---
	A. G. Bibb	Stock examiner	Mar. 1, 1896	900	372.50	17.70
	Thos. W. Oshel	do	July 1, 1897	900	900.00	---
	Henry Singleton	do	Feb. 1, 1901	900	225.00	---
	Wm. E. Hall	Tagger	Dec. 1, 1899	720	298.00	5.80

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
Wichita, Kans.—Cont'd.								
S. E. Bennett.								
Sioux City and Pacific Rwy.								
Tacoma, Wash.								
O. B. Hess.	Inspector	July 1, 1896			\$1,400		\$1,400.00	\$1.15
John E. Munn.	Stock examiner	Jan. 1, 1897			900		75.80	
Chas. H. Schultz.	Tagger	July 5, 1900			720		682.88	
Clarence Loveberry						Traveling expenses		4.30
Bloomington, Ill.								
Fredk. Braginton.	Inspector	May 16, 1893			1,400		1,400.00	3.48
Chas. Vandervoort.	Tagger	do			720		720.00	
Jos. B. Clancy						Traveling expenses		28.25
Brightwood, Mass.								
Wilbur J. Murphy	Inspector	June 1, 1900			1,400		1,400.00	
Albert C. Chapin	Tagger	Feb. 14, 1899			720		720.00	
John A. Kiernan.						Traveling expenses		30.90
Nashville, Tenn.								
Willis B. Lincoln	Assistant inspector	Apr. 11, 1898			1,200			
Do.	Inspector	May 1, 1901			1,400		1,233.50	
Hardee Wyatt.	Tagger	Nov. 10, 1899			720		205.40	
Austin, Minn.								
M. O. Anderson	Assistant inspector	Mar. 9, 1898			1,200			
Do.	Inspector	Mar. 1, 1901			1,400		667.30	5.95
San Diego, Cal.								
Robert Darling	Inspector	Jan. 11, 1901			1,400		350.00	7.85
W. E. Hill	Live stock agent	Nov. 15, 1897			1,200		98.90	

Edw. L. Wells The Cleveland, Cincinnati, Chicago and St. Louis Rwy.	Tagger	July 1, 1900			59.30	64.00	
<i>Topeka, Kans.</i>							
W. C. Barth	Inspector	Sept. 1, 1898			115.40	10.12	
Howard C. Johnson	Tagger	June 17, 1901			27.69	4.00	
E. E. Laird						5.35	
B. Cunningham							
<i>Miscellaneous.</i>							
Goes Lithographing Co							8,661.98
E. J. Brooks & Co.							1,590.00
Dennison Mfg. Co							475.00
Chicago Car Seal and Mfg. Co							245.85
International Seal and Lock Co.							450.00
W. B. Moses & Sons							
John C. Parker							236.10
The Friedenwald Co							182.70
Eberhard Faber							650.00
United States Envelope Co.							68.80
H. F. Miller & Son							66.50
Mackall Bros							54.65
Barber & Ross							44.00
The Elastic Tip Co.							25.50
Tyer Rubber Co.							33.10
T. S. Buck							29.86
Pearre E. Crowl Co							37.20
Richard L. Lamb							26.00
Philip Lindemeyer							18.10
D. Frank Parker							20.88
James B. Lambie							15.60
Library Bureau							11.60
James S. Topham							13.65
Wm. E. Pratt							9.00
The Harrington & King Perforating Co.							6.19
Thos. Somerville & Sons							8.63
M. Du Perow							5.00
Harry E. Overstreet							6.50
R. Carter Ballantyne							7.62
C. S. Braisted							8.80
Miller Lock Co							2.20
The Geo. W. Knox Express Co.							3.21
E. Morrison Paper Co							1.25
The Sun Printing and Pub- lishing Co.							1.25
Tribune Co							36.00
							18.60

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
MEAT INSPECTION—cont'd.										
Miscellaneous—continued.										
The Times Co.						Advertising proposals				\$11.20
The Washington Post Co.						do				11.10
The Evening Star Newspaper Co.						do				9.30
S. R. Burch						Traveling expenses		\$82.75		
U. G. Honck						do		82.43		
Thomas A. Scott						do		40.80		
Southern California Rwy. Co.						Transportation, Dr. Melvin		5.00		
Chicago, Milwaukee and St. Paul Rwy. Co.						Passenger and freight transportation.		12.75		7.44
Kansas City, St. Joseph and Council Bluffs R. R.						do		11.65		2.12
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						do		16.00		.48
New York Central and Hudson River R. R. Co.						do		10.65		1.30
Boston and Albany R. R.						do		2.23		12.08
Chicago and Northwestern Rwy. Co.						do		4.27		12.16
Atchison, Topeka and Santa Fe Rwy. Co.						Freight on stamps and tags.				55.00
Chicago and Erie R. R. Co.						Freight on seals and presses.				29.75
Star Union Line.						Freight on seals, presses, and tags.				33.69
Burlington and Missouri River R. R. in Nebraska.						Freight on stamps, seals, and stationery.				17.04
Illinois Central R. R. Co.						Freight on stamps, seals, and tags.				11.38
Chicago, Burlington and Quincy R. R. Co.						do				4.28
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						do				4.54
Michigan Central R. R. Co.						Freight on stamps and seals.				4.19
Chicago, Rock Island and Pacific Rwy.						Freight on stamps, tags, and ink.				11.70

Pennsylvania R. R. Co.					do			10.26
Chicago, Indianapolis and Louisville Rwy.					Freight on stamps and tags.			6.59
New York New Haven and Hartford R. R. Co.					do			2.03
New York Chicago and St. Louis R. R.					do			1.64
Missouri Pacific Rwy. Co.					Freight on seals, tags, and ink			3.94
Lake Shore and Michigan Southern Rwy. Co.					Freight on seals and tags.			2.91
Boston and Maine R. R.					Freight on stamps			1.07
Erle R. R. Co.					do			2.60
Vandalia Line					Freight on branding ink			1.58
Hannibal and St. Joseph R. R. Co.					do			1.94
Nashville, Chattanooga and St. Louis Rwy.					Freight on stamps			.37
Louisville and Nashville R. R.					do			.55
Burlington, Cedar Rapids and Northern Rwy. Co.					do			.82
Grand Trunk Rwy. System.					do			.37
Southern Pacific Rwy					Freight on stamps and tags.			4.89
Total						1,910.88	\$544, 169.77	23,067.91
MICROSCOPIC INSPECTION.								
Chicago, Ill.								
Morris Wooden				Mar. 16, 1899			\$1,800	
E. L. Higgins				Sept. 1, 1893			1,400	1,731.55
John B. Sine				June 1, 1900			1,200	1,400.00
Norman R. Adams				Nov. 1, 1895			900	1,188.57
Geo. T. Hanton				June 27, 1895			900	77.50
Julius Kidder				Sept. 1, 1898			900	925.00
R. Kochanowski				Jan. 3, 1894			900	150.80
R. E. Lyman				Apr. 23, 1894			900	900.00
Horace G. Arnold				Dec. 1, 1898			720	150.80
Do.				Feb. 1, 1901			900	422.00
David C. Barnett				Mar. 25, 1898			720	
Do.				Feb. 1, 1901			900	720.30
W. A. Bitner				Feb. 1, 1901			900	672.02
Chas. H. Bridges				Feb. 15, 1898			720	180.00
R. A. Broadhurst				May 4, 1899			720	
Do.				Jan. 1, 1896			720	552.50
Albert W. Ford				Feb. 1, 1901			900	
John Fitzgerald				Nov. 10, 1899			720	59.30
A. E. Harris				June 27, 1895			720	635.83
Bert Haskett				May 1, 1896			720	40.60
Herman Jacobus				Nov. 10, 1899			720	713.32
do				June 27, 1895			720	720.00
Robt. G. Knappe				June 8, 1896			720	720.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per an- num.	Miscellaneous items.	Salaries.	Travel- ing.	Miscella- neous.	
MICROSCOPIC INSPECTION— continued.										
Chicago, Ill.—Continued.										
J. C. Lorenzen	Tagger	June 27, 1895	-----	-----	\$720	-----	-----	\$720.00	-----	-----
Wm. McKay	do	do	-----	-----	720	-----	-----	720.00	-----	-----
U. C. Midkiff	do	Nov. 10, 1899	-----	-----	720	-----	-----	720.00	-----	-----
Theo. Sauer	do	Aug. 15, 1891	-----	-----	720	-----	-----	59.30	-----	-----
Casper J. Schmitt	do	May 1, 1896	-----	-----	720	-----	-----	720.00	-----	-----
Harvey L. Shale	do	Dec. 1, 1898	-----	-----	720	-----	-----	716.14	-----	-----
C. P. Staines	do	Sept. 20, 1900	-----	-----	720	-----	-----	59.30	-----	-----
Thos. A. White	do	June 24, 1895	-----	-----	720	-----	-----	600.70	-----	-----
Bertha I. Allen	Assistant microscopist.	Dec. 20, 1897	-----	-----	600	-----	-----	591.63	-----	-----
Maud S. Armstrong	do	Apr. 6, 1898	-----	-----	600	-----	-----	585.84	-----	-----
Flora A. Ayers	do	Nov. 26, 1894	-----	-----	600	-----	-----	408.54	-----	-----
May E. Bablick	do	Oct. 6, 1898	-----	-----	600	-----	-----	591.63	-----	-----
Katie Barrow	do	Nov. 1, 1892	-----	-----	600	-----	-----	552.42	-----	-----
Gertd. M. Barry	do	Apr. 6, 1898	-----	-----	600	-----	-----	591.63	-----	-----
Mary K. Barry	do	May 1, 1895	-----	-----	600	-----	-----	571.46	-----	-----
Addie E. Benneson	do	Apr. 23, 1894	-----	-----	600	-----	-----	567.85	-----	-----
Malvina A. Bixby	do	Aug. 20, 1897	-----	-----	600	-----	-----	541.00	-----	-----
Estella C. Bonds	do	Apr. 6, 1898	-----	-----	600	-----	-----	562.33	-----	-----
Veturia E. Boyd	do	Feb. 17, 1897	-----	-----	600	-----	-----	591.63	-----	-----
Kate H. Brady	do	Dec. 1, 1892	-----	-----	600	-----	-----	583.29	-----	-----
Martha E. Brandt	do	Dec. 7, 1896	-----	-----	600	-----	-----	87.41	\$11.60	-----
Martha A. Brittan	do	May 16, 1898	-----	-----	600	-----	-----	398.06	-----	-----
Laura D. Burke	do	June 22, 1891	-----	-----	600	-----	-----	553.69	-----	-----
Agnes Chase	do	Oct. 6, 1898	-----	-----	600	-----	-----	566.49	-----	-----
Anna F. Clarke	do	Sept. 1, 1893	-----	-----	600	-----	-----	591.63	-----	-----
M. J. Connell	do	do	-----	-----	600	-----	-----	85.76	13.05	-----
Mary Connolly	do	do	-----	-----	600	-----	-----	571.19	-----	-----
Nora Conway	do	June 10, 1898	-----	-----	600	-----	-----	11.54	-----	-----
Tressey Cowan	do	Oct. 10, 1892	-----	-----	600	-----	-----	538.35	-----	-----
May H. Crosley	do	May 16, 1898	-----	-----	600	-----	-----	586.64	-----	-----
Lillie M. Crowell	do	Sept. 1, 1893	-----	-----	600	-----	-----	487.20	-----	-----
Nellie E. Damon	do	Feb. 1, 1894	-----	-----	600	-----	-----	567.12	-----	-----
Estelle G. Davis	do	Feb. 3, 1894	-----	-----	600	-----	-----	586.78	-----	-----
Nina B. Davis	do	Apr. 6, 1898	-----	-----	600	-----	-----	522.42	-----	-----
Delias Dietz	do	Jan. 3, 1898	-----	-----	600	-----	-----	565.97	-----	-----
Bertha L. Diller	do	Oct. 11, 1898	-----	-----	600	-----	-----	-----	-----	-----
	do	Sept. 1, 1893	-----	-----	600	-----	-----	-----	-----	-----

Eliz. M. Donegan.....	do	Apr. 6, 1898	600	585.45
Barbara Dorse.....	do	Dec. 26, 1894	600	543.86
Ella B. Earle.....	do	Mar. 25, 1895	600	581.20
Eliz. K. Eckert.....	do	Mar. 16, 1895	600	573.87
Eulalia Edwards.....	do	Sept. 1, 1897	600	557.65
Carrie Ehlers.....	do	Feb. 16, 1898	600	49.50
Marjaret Enright.....	do	Sept. 1, 1893	600	437.40
Matilda Evanson.....	do	Jan. 3, 1898	600	577.22
Ada K. Gannon.....	do	Feb. 15, 1894	600	311.92
Mary F. Goggin.....	do	Aug. 9, 1897	600	508.73
Charlotte R. Grosse.....	do	Oct. 11, 1898	600	587.73
Jennie E. Hatch.....	do	Sept. 7, 1897	600	587.69
Tessie C. Harvey.....	do	June 20, 1891	600	577.90
Bessie M. Healy.....	do	Oct. 6, 1898	600	600.00
Tillie Heil.....	do	Jan. 3, 1898	600	499.00
Jessie Hickman.....	do	Dec. 20, 1897	600	600.00
Dora V. N. Hosmer.....	do	Feb. 1, 1894	600	542.33
May E. Hotchkiss.....	do	Mar. 1, 1895	600	508.41
Myrtle A. Hunt.....	do	Jan. 3, 1898	600	482.15
Abbie W. Hunter.....	do	Feb. 1, 1894	600	561.11
Effie M. Hunter.....	do	Nov. 24, 1896	600	572.23
Mary Hurley.....	do	Dec. 1, 1893	600	585.10
Clara E. Holmes.....	do	Apr. 18, 1898	600	19.78
Corra A. Houseman.....	do	June 10, 1888	600	18.13
Sarah A. Ingram.....	do	Apr. 11, 1898	600	579.67
Louise Johnson.....	do	Jan. 3, 1898	600	582.79
May B. Joslin.....	do	Aug. 20, 1897	600	583.78
Mary E. Keau.....	do	Sept. 1, 1893	600	595.11
Nellie E. Kenyon.....	do	Dec. 20, 1897	600	99.41
Matie Kneeland.....	do	May 1, 1894	600	573.84
Anna Klingel.....	do	Mar. 10, 1898	600	19.78
Alice Lawson.....	do	Aug. 9, 1897	600	573.85
Mary E. Leahy.....	do	Sept. 1, 1893	600	572.27
Kate R. Luce.....	do	Aug. 7, 1897	600	530.21
Amy T. Mace.....	do	Jan. 2, 1898	600	337.36
Ellen S. Mayhew.....	do	Dec. 1, 1898	600	600.00
Evelyn C. McCarthy.....	do	Jan. 3, 1898	600	599.23
R. McDonnell.....	do	Apr. 6, 1898	600	535.88
L. G. McGlasson.....	do	May 1, 1892	600	600.00
Daisy G. McGrath.....	do	Jan. 3, 1898	600	581.94
Katie A. Murphy.....	do	Aug. 15, 1892	600	537.51
Maggie Murphy.....	do	Jan. 6, 1898	600	513.40
Mamie F. Murray.....	do	Sept. 1, 1893	600	600.00
Eliz. L. Neill.....	do	Jan. 3, 1898	600	600.00
Annie Nicolai.....	do	Sept. 16, 1891	600	597.64
Agnes B. O'Brien.....	do	Aug. 9, 1897	600	596.69
Helen E. O'Brien.....	do	do	600	589.43
Julia H. O'Brien.....	do	do	600	524.31
Bertha A. Ockerly.....	do	Oct. 6, 1898	600	600.00
Bessie D. Ogden.....	do	Mar. 15, 1895	600	594.29
Jessie G. Ogden.....	do	Aug. 6, 1894	600	392.57
Genevieve Petrie.....	do	Dec. 20, 1897	600	322.86

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MICROSCOPIC INSPECTION—continued.										
Buffalo, N. Y.—continued.										
John Mazurowski	Tagger	July 10, 1893			\$720		\$180.00			
Chas. W. Pagle, jr.	do	Mar. 6, 1901			720		59.30			
Louise Breton	Assistant microscopist	Sept. 1, 1897			600					
Do.	Microscopist.	May 15, 1901			900		165.68	\$12.00		
A. H. Richards	Assistant microscopist	Mar. 1, 1895			600					
Do.	Microscopist.	June 1, 1901			900		74.20	15.90		
Lillian E. Farrell	Assistant microscopist	July 10, 1893			600		183.05			
Mary A. Hamrahan	do	Aug. 20, 1897			600		187.94			
Mary F. Lannon	do	Sept. 11, 1893			600		206.16			
Lizzie Lidle	do	Aug. 1, 1892			600		187.94			
Pearl Masten	do	Dec. 15, 1892			600		202.81			
Anna L. Moran	do	Aug. 1, 1892			600		186.31			
Nellie Numan	do	July 10, 1893			600		65.21			
Johanna Greiner	do	Nov. 10, 1900			600		136.00			\$0.75
C. H. Zink	Laborer	May 29, 1896			a \$20.00					16.41
International Office Toilet Supply Co.						Office expenses				6.25
James F. Hughes						Towel laundry				
Chicago, Burlington and Quincy R. R. Co.						Street-car fares		24.75		
						Transportation, Brereton.				
Stoner City, Iowa.										
George A. Johnson	Inspector	June 1, 1900			1,400		579.40			
Thos. G. Cowgill	Tagger	May 9, 1898			720		180.00			
Myron H. King	do	Dec. 15, 1898			720		118.00			
Amelia M. Allyn	Assistant microscopist	May 16, 1898			600		218.90			
Martha A. Brittan	do	do			600		152.05	17.96		
Mary Connolly	do	June 10, 1898			600		101.55	26.83		
Mary K. Giblin	do	June 16, 1893			600		95.03	5.38		
Cora A. Houseman	do	June 10, 1898			600		191.18	24.31		
Mary L. Pendleton	do	May 9, 1898			600		218.90			
Laura S. Ropiequet	do	Mar. 10, 1898			600		83.33	23.60		
Anna E. Strange	do	Feb. 7, 1898			600		212.20			
H. Inez Temple	do	do			600		218.90			

Clara E. Townsend	do	May 16, 1898			600			90.00		
Henry D. Osborne	Laborer	Mar. 21, 1898						92.00		45.52
Wm. Thompson										18.69
Sioux City and Pacific Rwy.										
<i>Milwaukee, Wis.</i>										
Walter J. Stewart	Inspector	July 1, 1900			1,400			1,400.00		
Chester J. Curtis	Tagger	June 5, 1894			720			720.00		
W. M. Miller	do	Nov. 10, 1899			720			720.00		
E. V. Putnam	do	May 1, 1896	June 30, 1901		720			121.20		
Anna B. Armstrong	Assistant microscopist	Jan. 7, 1898			600			173.76		19.90
Margaret Burke	do	Feb. 1, 1898			600			157.50		22.45
Mary L. Burke	do	Sept. 1, 1893			600			98.33		22.45
Ella M. Caldwell	do	Jan. 3, 1898			600			453.51		
Inez J. Christie	do	Apr. 18, 1898			600			114.90		10.85
Louise Faust	do	Nov. 1, 1894			600			456.80		
Pearl M. Finch	do	June 10, 1898			600			155.83		15.00
Emma Fogo	do	Feb. 25, 1898			600			242.22		
Mary Gorman	do	Apr. 26, 1891			600			456.90		
Clara E. Holmes	do	May 16, 1898			600			52.18		
Carolyn M. Hopkins	do	Jan. 3, 1898			600			142.75		5.10
Frankie E. Kelly	do	Feb. 21, 1898			600			456.90		
Harriet F. King	do	Sept. 7, 1897			600			437.30		
Anastasia Lawrence	do	Dec. 15, 1894			600			458.55		
Josephine A. Lyon	do	Apr. 25, 1898			600			461.88		
M. Myrtle Maynard	do	Oct. 25, 1897			600			453.49		
Pearl N. Maynard	do	Jan. 10, 1898	Oct. 18, 1900		600			114.22		
Thekla E. Sonntag	do	Feb. 16, 1895	Aug. 18, 1900		600			27.71		
Mary McShane	do	Oct. 25, 1897			600			463.51		
Sue Nichols	do	Apr. 18, 1898			600			455.31		
Mae Searls	do	Apr. 25, 1898			600			273.06		
Ida M. E. Scholz	do	Sept. 15, 1891			600			111.54		
Hattie Schultz	do	Feb. 16, 1895			600			455.26		
Mary Somers	do	Jan. 10, 1898			600			453.59		
Nelle F. Somers	do	Jan. 24, 1898			600			450.41		
Marie J. Ward	do	Dec. 18, 1897			600			332.03		
Elba E. Whittaker	do	Apr. 25, 1898			600			456.90		
Syl. M. Whittaker	do	do			600			425.02		
Edna L. Willis	do	Feb. 16, 1895			600			456.90		
Anna Zimmerman	do				600			389.39		
A. E. Behnke	do									106.25
The Layton Co.										30.60
Walter V. Davies										84.00
Taft Butler										1.00
Chicago, Milwaukee and St. Paul Rwy.										7.39
Miscellaneous expenses Transportation, C.A. House- man et al.										
Office expenses Heat and light Wainscoting and painting Expressage on tags Transportation, C. M. Hop- kins.										

a Per month.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per-an-num.	Miscellaneous items.	Salaries.	Travel-ing.	Miscella-neous.
MICROSCOPIC INSPECTION—continued.									
South Omaha, Nebr.									
A. R. Wake	Inspector	Jan. 1, 1899			\$1,400		\$705.23		
Chas. S. Campbell	Tagger	Dec. 1, 1898			720		122.60		
Morris T. Hascall	do	do			720		238.80		
Ira F. Kree	do	July 18, 1898			720		181.40		
Thos. Luddy	do	Feb. 15, 1895			720		120.80		
John B. Payton	do	July 16, 1897			720		59.30		
Chris. M. Raff	do	Mar. 9, 1898			720		234.00		
Isaiah Richards	do	Dec. 1, 1898			720		173.24		
L. Schibsky	do	Nov. 6, 1893			720		180.00		
Geo. H. Schroeder	do	Aug. 1, 1898			720		59.30		
Mary A. Atwood	Assistant microscopist	Feb. 7, 1898			600		267.98		
Sarah H. Y. Barber	do	Aug. 20, 1897	June 24, 1901		600		207.23		
Maud B. Beck	do	Feb. 10, 1898			600		252.99		
Mary G. Bothwell	do	Dec. 20, 1897	Apr. 25, 1901		600		136.24		
Louise Breerton	do	Sept. 1, 1897			600		155.09		
Do	Microscopist	May 15, 1901			900				
Ida E. Bushnell	Assistant microscopist	May 16, 1893			600		240.08		
Mollie A. Conoyer	do	June 1, 1898			600		262.96		
Ethel M. Fansher	do	do			600		246.40		
Mary K. Gilbin	do	do			600		221.26	\$0.85	
Lulu E. Gibson	do	June 16, 1893			600		246.48		
Margaret Hogan	do	Sept. 1, 1896			600		149.31		
Stella Huestis	do	June 16, 1893			600		264.73		
Etta Kassal	do	Dec. 20, 1897	Apr. 23, 1901		600		149.31		
Daisy C. Maus	do	June 16, 1893			600		258.13		
Mary H. Milton	do	Sept. 26, 1898			600		160.98		
Mary E. Price	do	Feb. 10, 1898			600		245.78		
Fannie Sage	do	Sept. 1, 1897			600		264.73		
Corra A. Sayre	do	Aug. 20, 1897			600		259.80		
Lizzie Spencer	do	Jan. 5, 1895			600		256.76		
Helen S. Wainwright	do	Aug. 20, 1897			600		253.30		
Louisa E. Wilson	do	Sept. 1, 1897			600		230.34		
Emma Prill	do	Aug. 17, 1897			600		108.59		
Don C. Ayer	Laborer	Dec. 1, 1900		a \$25.00					
Frontier Towel Supply Co.						Miscellaneous expenses Towel laundry	\$2.78 22.36		

<i>Miscellaneous.</i>									
Instrument repairer				4.00	1,234.00				
Colman Brez	Compressor glasses	.....	.....	444.00	.....
E. J. Brooks & Co.	Microscopic tags	.....	.....	250.00	.....
American Tag Co.	Microscopic stages	.....	.....	217.00	.....
Johnson Electric Service Co.	do	.....	.....	125.00	.....
A. F. Martins	Meat stamps	.....	.....	64.00	.....
Goes Lithographing Co.	Tag fasteners and checks	.....	.....	63.50	.....
Dennison Mfg. Co.	Scissors, drills, and taps	.....	.....	61.36	.....
Barber & Ross	Padlocks and keys	.....	.....	57.66	.....
Miller Lock Co.	Cable twine	.....	.....	19.00	.....
J. P. Nawrath	Duplicate tags	.....	.....	16.80	.....
Chas. O. Brockway	Chamois skins	.....	.....	12.00	.....
Rudolph, West & Co.	Repairing compressor frames	.....	.....	10.89	.....
Elmer H. Catlin & Co.	Flexible mounts and cement	.....	.....	8.25	.....
T. S. Buck	Screws and emery	.....	.....	1.81	.....
James B. Lambie	Freight on tag fasteners	.....	.....	.25	.....
Chicago and Northwestern Rwy. Co.	do	.....	.....	.21	.....
Wisconsin Central Rwy. Co.	Transportation, assistant microscopists	40.86
Sioux City and Pacific Rwy.
Total	107,794.33	459.96
									5,791.52

a Per month.

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